

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050222\
 Data File : VY008574.D
 Acq On : 02 May 2022 16:19
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/03/2022
 Supervised By :Mahesh Dadoda 05/03/2022

Quant Time: May 03 01:20:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:17:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	141850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	198280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	71370	44.923	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.840%		
35) Dibromofluoromethane	7.716	113	72108	53.302	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.600%		
50) Toluene-d8	10.179	98	258390	52.595	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.180%		
62) 4-Bromofluorobenzene	12.483	95	93358	51.289	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.580%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	63810	49.567	ug/l	98
3) Chloromethane	2.113	50	78626	40.662	ug/l	94
4) Vinyl Chloride	2.253	62	96155	38.670	ug/l	97
5) Bromomethane	2.650	94	74931	32.553	ug/l	99
6) Chloroethane	2.796	64	61605	37.293	ug/l	96
7) Trichlorofluoromethane	3.125	101	129410	47.834	ug/l	89
8) Diethyl Ether	3.527	74	42272	46.134	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.899	101	75402	46.862	ug/l	92
10) Methyl Iodide	4.094	142	105749	54.867	ug/l	88
11) Tert butyl alcohol	4.942	59	33847	180.872	ug/l	96
12) 1,1-Dichloroethene	3.869	96	72633	47.972	ug/l #	74
13) Acrolein	3.729	56	45126	254.330	ug/l	98
14) Allyl chloride	4.479	41	88814	45.472	ug/l #	89
15) Acrylonitrile	5.161	53	95941	208.868	ug/l	98
16) Acetone	3.948	43	74575	203.299	ug/l #	85
17) Carbon Disulfide	4.192	76	209858	46.337	ug/l	99
18) Methyl Acetate	4.479	43	41229	39.440	ug/l #	81
19) Methyl tert-butyl Ether	5.222	73	200774	43.086	ug/l	93
20) Methylene Chloride	4.716	84	88285	37.087	ug/l #	79
21) trans-1,2-Dichloroethene	5.216	96	82804	45.408	ug/l #	81
22) Diisopropyl ether	6.118	45	205121	43.929	ug/l #	90
23) Vinyl Acetate	6.057	43	692392	218.344	ug/l #	87
24) 1,1-Dichloroethane	6.021	63	128608	44.150	ug/l	97
25) 2-Butanone	6.984	43	117609	206.031	ug/l #	75
26) 2,2-Dichloropropane	6.984	77	123102	45.351	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	95138	45.715	ug/l	79
28) Bromochloromethane	7.332	49	48969	42.457	ug/l #	58
29) Tetrahydrofuran	7.344	42	77242	208.469	ug/l #	74
30) Chloroform	7.508	83	144059	44.952	ug/l	99
31) Cyclohexane	7.789	56	113015	42.185	ug/l #	82
32) 1,1,1-Trichloroethane	7.704	97	131533	46.445	ug/l #	93
36) 1,1-Dichloropropene	7.917	75	107800	49.468	ug/l	93
37) Ethyl Acetate	7.076	43	54237	45.659	ug/l #	91
38) Carbon Tetrachloride	7.899	117	123623	53.752	ug/l	97
39) Methylcyclohexane	9.185	83	143535	51.177	ug/l #	84
40) Benzene	8.161	78	315734	49.861	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050222\
 Data File : VY008574.D
 Acq On : 02 May 2022 16:19
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/03/2022
 Supervised By : Mahesh Dadoda 05/03/2022

Quant Time: May 03 01:20:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:17:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	22665m	39.502	ug/l	
42) 1,2-Dichloroethane	8.234	62	90978	48.212	ug/l	89
43) Isopropyl Acetate	8.271	43	102552	47.238	ug/l #	85
44) Trichloroethene	8.941	130	97057	54.319	ug/l	94
45) 1,2-Dichloropropane	9.215	63	74373	49.280	ug/l	98
46) Dibromomethane	9.307	93	51140	48.603	ug/l	93
47) Bromodichloromethane	9.496	83	112873	50.141	ug/l	99
48) Methyl methacrylate	9.295	41	44367	47.985	ug/l #	77
49) 1,4-Dioxane	9.295	88	13303	997.029	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	266957	234.022	ug/l #	85
52) Toluene	10.246	92	210136	50.127	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	119997	49.953	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	134037	50.025	ug/l #	80
55) 1,1,2-Trichloroethane	10.648	97	70891	49.175	ug/l	96
56) Ethyl methacrylate	10.508	69	92637	49.927	ug/l #	73
57) 1,3-Dichloropropane	10.788	76	114932	48.959	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	241487	239.685	ug/l #	87
59) 2-Hexanone	10.831	43	187108	239.040	ug/l	82
60) Dibromochloromethane	10.983	129	91245	54.224	ug/l	99
61) 1,2-Dibromoethane	11.087	107	72438	50.513	ug/l	100
64) Tetrachloroethene	10.721	164	88001	57.532	ug/l	98
65) Chlorobenzene	11.520	112	238612	52.707	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	90924	54.157	ug/l	98
67) Ethyl Benzene	11.593	91	403598	51.493	ug/l	97
68) m/p-Xylenes	11.703	106	326063	103.773	ug/l	90
69) o-Xylene	12.032	106	157369	52.054	ug/l	88
70) Styrene	12.044	104	265002	52.302	ug/l	94
71) Bromoform	12.209	173	60383	56.984	ug/l #	98
73) Isopropylbenzene	12.331	105	405992	50.292	ug/l	98
74) N-amyl acetate	12.142	43	94036	48.312	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	82026	46.737	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	51950m	39.644	ug/l	
77) Bromobenzene	12.611	156	105177	53.117	ug/l	85
78) n-propylbenzene	12.672	91	474534	49.322	ug/l	95
79) 2-Chlorotoluene	12.758	91	266905	49.308	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	338798	50.494	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	28366	48.849	ug/l #	82
82) 4-Chlorotoluene	12.855	91	275322	49.243	ug/l	93
83) tert-Butylbenzene	13.075	119	303499	51.843	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	336468	50.596	ug/l	96
85) sec-Butylbenzene	13.257	105	444508	50.642	ug/l	97
86) p-Isopropyltoluene	13.367	119	383211	51.783	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	206184	51.988	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	202164	51.463	ug/l	98
89) n-Butylbenzene	13.696	91	337557	50.779	ug/l	97
90) Hexachloroethane	13.965	117	70248	52.962	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	185008	52.386	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12252	46.337	ug/l	57
93) 1,2,4-Trichlorobenzene	15.007	180	118317	58.829	ug/l	99
94) Hexachlorobutadiene	15.111	225	66315	65.321	ug/l	100
95) Naphthalene	15.239	128	239375	53.893	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	104927	59.550	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050222\
 Data File : VY008574.D
 Acq On : 02 May 2022 16:19
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 VSTDICCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/03/2022
 Supervised By : Mahesh Dadoda 05/03/2022

Quant Time: May 03 01:20:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:17:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050222\
 Data File : VY008574.D
 Acq On : 02 May 2022 16:19
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations APPROVED

Reviewed By : John Carlone 05/03/2022
 Supervised By : Mahesh Dadoda 05/03/2022

Quant Time: May 03 01:20:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:17:13 2022
 Response via : Initial Calibration

