

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008724.D
 Acq On : 11 May 2022 22:38
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2022
 Supervised By : Mahesh Dadoda 05/12/2022

Quant Time: May 12 09:15:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	192546	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	299481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	283299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	88533	53.662	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 107.320%		
35) Dibromofluoromethane	7.716	113	95865	51.944	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 103.880%		
50) Toluene-d8	10.179	98	344031	52.899	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 105.800%		
62) 4-Bromofluorobenzene	12.483	95	122617	52.405	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 104.820%		
						Qvalue
2) Dichlorodifluoromethane	1.912	85	27236	27.064	ug/l	96
3) Chloromethane	2.113	50	53852	43.466	ug/l	95
4) Vinyl Chloride	2.259	62	88166	56.051	ug/l	98
5) Bromomethane	2.656	94	67783	53.621	ug/l	99
6) Chloroethane	2.796	64	57321	53.111	ug/l	99
7) Trichlorofluoromethane	3.125	101	78671	41.335	ug/l	93
8) Diethyl Ether	3.521	74	53960	44.815	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.899	101	83138	42.688	ug/l	94
10) Methyl Iodide	4.088	142	140373	43.430	ug/l #	87
11) Tert butyl alcohol	4.954	59	37795	265.829	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	84851	42.099	ug/l #	73
13) Acrolein	3.729	56	33646	206.519	ug/l	97
14) Allyl chloride	4.472	41	112906	43.302	ug/l #	87
15) Acrylonitrile	5.155	53	129795	240.557	ug/l	97
16) Acetone	3.936	43	91551	235.205	ug/l #	85
17) Carbon Disulfide	4.192	76	210338	39.348	ug/l	99
18) Methyl Acetate	4.472	43	57368	49.646	ug/l #	86
19) Methyl tert-butyl Ether	5.216	73	175450	47.220	ug/l	94
20) Methylene Chloride	4.710	84	109436	46.297	ug/l #	79
21) trans-1,2-Dichloroethene	5.216	96	96670	42.673	ug/l #	80
22) Diisopropyl ether	6.112	45	267650	47.419	ug/l #	90
23) Vinyl Acetate	6.057	43	910627	255.419	ug/l #	87
24) 1,1-Dichloroethane	6.015	63	164072	45.273	ug/l	97
25) 2-Butanone	6.984	43	158030	246.985	ug/l #	82
26) 2,2-Dichloropropane	6.978	77	105635	43.601	ug/l	90
27) cis-1,2-Dichloroethene	6.984	96	116000	45.295	ug/l	77
28) Bromochloromethane	7.332	49	57632	44.843	ug/l #	66
29) Tetrahydrofuran	7.338	42	106778	249.703	ug/l #	78
30) Chloroform	7.502	83	179834	46.921	ug/l	98
31) Cyclohexane	7.783	56	132028	40.454	ug/l #	82
32) 1,1,1-Trichloroethane	7.697	97	145527	46.332	ug/l	93
36) 1,1-Dichloropropene	7.917	75	131160	44.233	ug/l	96
37) Ethyl Acetate	7.069	43	74188	50.318	ug/l #	92
38) Carbon Tetrachloride	7.899	117	141487	47.177	ug/l	97
39) Methylcyclohexane	9.179	83	164553	42.909	ug/l #	86
40) Benzene	8.155	78	394470	45.788	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008724.D
 Acq On : 11 May 2022 22:38
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 12 09:15:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2022
 Supervised By : Mahesh Dadoda 05/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	40344m	49.621	ug/l	
42) 1,2-Dichloroethane	8.234	62	109720	49.130	ug/l	89
43) Isopropyl Acetate	8.271	43	135353	50.536	ug/l #	86
44) Trichloroethene	8.935	130	114539	45.556	ug/l	96
45) 1,2-Dichloropropane	9.215	63	98341	46.786	ug/l	98
46) Dibromomethane	9.301	93	64416	48.965	ug/l	96
47) Bromodichloromethane	9.496	83	143111	48.717	ug/l	99
48) Methyl methacrylate	9.289	41	61145	52.443	ug/l #	79
49) 1,4-Dioxane	9.289	88	15710	987.505	ug/l #	76
51) 4-Methyl-2-Pentanone	10.069	43	367435	262.301	ug/l #	85
52) Toluene	10.240	92	263824	47.039	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	150556	47.693	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	167872	46.599	ug/l #	79
55) 1,1,2-Trichloroethane	10.642	97	90998	48.503	ug/l	98
56) Ethyl methacrylate	10.508	69	119899	50.503	ug/l #	73
57) 1,3-Dichloropropane	10.788	76	147618	48.102	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	313277	266.500	ug/l	90
59) 2-Hexanone	10.831	43	253920	264.660	ug/l	81
60) Dibromochloromethane	10.983	129	112911	49.562	ug/l	99
61) 1,2-Dibromoethane	11.087	107	90403	48.898	ug/l	100
64) Tetrachloroethene	10.721	164	97548	44.176	ug/l	96
65) Chlorobenzene	11.514	112	295640	46.649	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	112903	47.971	ug/l	96
67) Ethyl Benzene	11.593	91	501564	46.054	ug/l	95
68) m/p-Xylenes	11.703	106	407179	93.444	ug/l	89
69) o-Xylene	12.026	106	195645	47.328	ug/l	88
70) Styrene	12.044	104	334629	48.752	ug/l	92
71) Bromoform	12.209	173	76687	50.557	ug/l #	99
73) Isopropylbenzene	12.331	105	505715	44.845	ug/l	98
74) N-amyl acetate	12.142	43	125244	49.464	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.581	83	111385	47.189	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	77118m	46.347	ug/l	
77) Bromobenzene	12.611	156	128966	45.708	ug/l	88
78) n-propylbenzene	12.672	91	600939	44.820	ug/l	96
79) 2-Chlorotoluene	12.758	91	332687	44.851	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	420906	46.083	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	38812	46.407	ug/l #	78
82) 4-Chlorotoluene	12.855	91	346782	45.084	ug/l	94
83) tert-Butylbenzene	13.075	119	379124	46.270	ug/l	90
84) 1,2,4-Trimethylbenzene	13.117	105	413681	45.863	ug/l	94
85) sec-Butylbenzene	13.251	105	559070	46.164	ug/l	98
86) p-Isopropyltoluene	13.367	119	471807	46.884	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	250408	45.880	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	252586	46.674	ug/l	97
89) n-Butylbenzene	13.696	91	422403	45.865	ug/l	98
90) Hexachloroethane	13.959	117	89967	46.046	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	224746	46.425	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16453	47.096	ug/l	61
93) 1,2,4-Trichlorobenzene	15.007	180	145358	47.002	ug/l	100
94) Hexachlorobutadiene	15.111	225	80774	47.664	ug/l	99
95) Naphthalene	15.239	128	310887	49.137	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	129352	47.461	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
Data File : VY008724.D
Acq On : 11 May 2022 22:38
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/12/2022
Supervised By : Mahesh Dadoda 05/12/2022

Quant Time: May 12 09:15:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 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\VY051122\
Data File : VY008724.D
Acq On : 11 May 2022 22:38
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/soil
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/12/2022
Supervised By : Mahesh Dadoda 05/12/2022

Quant Time: May 12 09:15:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
Response via : Initial Calibration

