

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071822\
 Data File : VY009574.D
 Acq On : 18 Jul 2022 15:40
 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 :Krupa Patel 07/19/2022
 Supervised By :Mahesh Dadoda 07/19/2022

Quant Time: Jul 19 02:51:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 02:49:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	212136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	317049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	284481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	99852	49.770	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.540%			
35) Dibromofluoromethane	7.710	113	99961	50.046	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.100%			
50) Toluene-d8	10.173	98	388822	50.637	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 101.280%			
62) 4-Bromofluorobenzene	12.477	95	124723	50.128	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 100.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	91520	49.167	ug/l	99
3) Chloromethane	2.107	50	131728	47.754	ug/l	94
4) Vinyl Chloride	2.241	62	141640	49.102	ug/l	99
5) Bromomethane	2.637	94	92996	47.631	ug/l	96
6) Chloroethane	2.784	64	85111	48.573	ug/l	96
7) Trichlorofluoromethane	3.113	101	168598	49.324	ug/l	94
8) Diethyl Ether	3.521	74	54771	48.974	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.887	101	99568	49.813	ug/l	95
10) Methyl Iodide	4.076	142	136595	51.445	ug/l #	88
11) Tert butyl alcohol	4.948	59	53226	225.198	ug/l	98
12) 1,1-Dichloroethene	3.857	96	96505	49.469	ug/l	86
13) Acrolein	3.717	56	33963	236.786	ug/l	98
14) Allyl chloride	4.466	41	152009	50.371	ug/l #	91
15) Acrylonitrile	5.149	53	136729	247.541	ug/l	98
16) Acetone	3.936	43	150908	297.339	ug/l	90
17) Carbon Disulfide	4.180	76	303514	50.047	ug/l	99
18) Methyl Acetate	4.466	43	63166	44.338	ug/l #	91
19) Methyl tert-butyl Ether	5.210	73	255866	49.765	ug/l	99
20) Methylene Chloride	4.698	84	124059	34.183	ug/l	87
21) trans-1,2-Dichloroethene	5.204	96	109907	49.777	ug/l	86
22) Diisopropyl ether	6.106	45	322068	49.979	ug/l	94
23) Vinyl Acetate	6.045	43	1054005	259.236	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	184258	49.506	ug/l	99
25) 2-Butanone	6.972	43	200060	270.233	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	165075	49.509	ug/l	94
27) cis-1,2-Dichloroethene	6.972	96	120000	49.156	ug/l	87
28) Bromochloromethane	7.320	49	83770	52.530	ug/l	85
29) Tetrahydrofuran	7.338	42	122038	251.079	ug/l	90
30) Chloroform	7.496	83	184593	48.483	ug/l	98
31) Cyclohexane	7.771	56	172596	48.788	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	168243	49.265	ug/l	96
36) 1,1-Dichloropropene	7.905	75	147761	50.061	ug/l	96
37) Ethyl Acetate	7.064	43	81905	49.858	ug/l	96
38) Carbon Tetrachloride	7.893	117	154887	50.129	ug/l	99
39) Methylcyclohexane	9.179	83	186814	51.331	ug/l	90
40) Benzene	8.155	78	425616	49.280	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071822\
 Data File : VY009574.D
 Acq On : 18 Jul 2022 15:40
 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 :Krupa Patel 07/19/2022
 Supervised By :Mahesh Dadoda 07/19/2022

Quant Time: Jul 19 02:51:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 02:49:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	38479m	47.260	ug/l	
42) 1,2-Dichloroethane	8.228	62	119586	49.358	ug/l	92
43) Isopropyl Acetate	8.265	43	152261	50.583	ug/l #	94
44) Trichloroethene	8.935	130	120092	48.892	ug/l	99
45) 1,2-Dichloropropane	9.209	63	104809	49.463	ug/l	93
46) Dibromomethane	9.301	93	61314	49.822	ug/l	96
47) Bromodichloromethane	9.490	83	142803	49.486	ug/l	100
48) Methyl methacrylate	9.289	41	68059	51.175	ug/l #	87
49) 1,4-Dioxane	9.289	88	16469	1003.950	ug/l #	88
51) 4-Methyl-2-Pentanone	10.063	43	401135	256.655	ug/l	92
52) Toluene	10.240	92	273325	49.961	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	149121	50.032	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	171237	50.528	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	84558	48.787	ug/l	98
56) Ethyl methacrylate	10.508	69	113671	51.263	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	142835	49.662	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	314336	381.680	ug/l	95
59) 2-Hexanone	10.831	43	292273	268.868	ug/l	91
60) Dibromochloromethane	10.977	129	103535	49.367	ug/l	99
61) 1,2-Dibromoethane	11.087	107	82618	48.857	ug/l	100
64) Tetrachloroethene	10.715	164	111408	50.040	ug/l	98
65) Chlorobenzene	11.514	112	287219	49.408	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	108051	50.027	ug/l	98
67) Ethyl Benzene	11.587	91	522157	51.070	ug/l	98
68) m/p-Xylenes	11.697	106	417465	102.594	ug/l	89
69) o-Xylene	12.026	106	195101	51.236	ug/l	90
70) Styrene	12.038	104	326820	51.602	ug/l	94
71) Bromoform	12.203	173	68865	50.525	ug/l #	100
73) Isopropylbenzene	12.325	105	511402	51.143	ug/l	100
74) N-amyl acetate	12.142	43	136837	51.455	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	98261	49.068	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	67902m	47.725	ug/l	
77) Bromobenzene	12.605	156	124338	49.448	ug/l	90
78) n-propylbenzene	12.666	91	617386	51.097	ug/l	97
79) 2-Chlorotoluene	12.752	91	336839	50.281	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	423516	51.257	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	36692	52.587	ug/l #	83
82) 4-Chlorotoluene	12.849	91	347986	50.071	ug/l	96
83) tert-Butylbenzene	13.075	119	377804	51.466	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	417370	50.509	ug/l	97
85) sec-Butylbenzene	13.251	105	558301	51.297	ug/l	99
86) p-Isopropyltoluene	13.367	119	469112	51.289	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	244662	49.187	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	240291	48.722	ug/l	98
89) n-Butylbenzene	13.696	91	432969	51.832	ug/l	99
90) Hexachloroethane	13.959	117	87498	49.654	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	214862	49.446	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15167	49.784	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	134677	49.380	ug/l	99
94) Hexachlorobutadiene	15.111	225	79133	48.909	ug/l	98
95) Naphthalene	15.233	128	259646	49.864	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	115077	48.034	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071822\
Data File : VY009574.D
Acq On : 18 Jul 2022 15:40
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 :Krupa Patel 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022

Quant Time: Jul 19 02:51:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 19 02:49:46 2022
Response via : Initial Calibration

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

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

