

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008935.D
 Acq On : 21 May 2022 04:22
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/24/2022
 Supervised By : Mahesh Dadoda 05/24/2022

Quant Time: May 21 04:54:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						05/24/2022
1) Pentafluorobenzene	7.789	168	125164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	219346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	222133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139146	50.000	ug/l	0.00
System Monitoring Compounds						05/24/2022
33) 1,2-Dichloroethane-d4	8.143	65	75416	58.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.100%
35) Dibromofluoromethane	7.716	113	71572	52.473	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.940%
50) Toluene-d8	10.179	98	299982	59.616	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.240%
62) 4-Bromofluorobenzene	12.483	95	112624	55.484	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.960%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	35276	30.815	ug/l	100
3) Chloromethane	2.113	50	63300	38.597	ug/l	96
4) Vinyl Chloride	2.247	62	90171	37.111	ug/l	94
5) Bromomethane	2.644	94	91596	38.457	ug/l	100
6) Chloroethane	2.790	64	69268	40.241	ug/l	98
7) Trichlorofluoromethane	3.119	101	83279	40.360	ug/l	97
8) Diethyl Ether	3.528	74	29213	45.277	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.893	101	52478	41.381	ug/l	94
10) Methyl Iodide	4.095	142	42885	32.749	ug/l	92
11) Tert butyl alcohol	4.948	59	26416	202.170	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	48166	40.914	ug/l	80
13) Acrolein	3.729	56	5499	127.859	ug/l	97
14) Allyl chloride	4.479	41	73438	41.393	ug/l #	85
15) Acrylonitrile	5.161	53	82038	227.092	ug/l	97
16) Acetone	3.942	43	58250	217.236	ug/l	92
17) Carbon Disulfide	4.192	76	127933	33.263	ug/l	96
18) Methyl Acetate	4.472	43	38694	46.341	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	163952	46.399	ug/l	99
20) Methylene Chloride	4.716	84	70799	46.736	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	61843	40.927	ug/l	84
22) Diisopropyl ether	6.119	45	199591	46.826	ug/l	95
23) Vinyl Acetate	6.058	43	647510	229.656	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	116716	45.782	ug/l	99
25) 2-Butanone	6.984	43	106871	223.146	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	93895	39.982	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	77791	45.669	ug/l	87
28) Bromochloromethane	7.332	49	47211	53.953	ug/l #	85
29) Tetrahydrofuran	7.344	42	72922	224.150	ug/l #	86
30) Chloroform	7.509	83	129202	46.949	ug/l	98
31) Cyclohexane	7.783	56	94093	37.337	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	112508	45.063	ug/l	98
36) 1,1-Dichloropropene	7.917	75	90297	38.900	ug/l	97
37) Ethyl Acetate	7.076	43	48868	40.585	ug/l	97
38) Carbon Tetrachloride	7.899	117	99071	40.800	ug/l	99
39) Methylcyclohexane	9.185	83	112957	37.700	ug/l #	84
40) Benzene	8.155	78	282136	42.151	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	26808m	43.145	ug/l	94
42) 1,2-Dichloroethane	8.234	62	87027	44.277	ug/l	94
43) Isopropyl Acetate	8.271	43	101192	45.197	ug/l #	93
44) Trichloroethene	8.941	130	73250	41.330	ug/l	95
45) 1,2-Dichloropropane	9.216	63	73187	45.536	ug/l	93
46) Dibromomethane	9.307	93	44610	43.651	ug/l	94
47) Bromodichloromethane	9.496	83	107505	46.029	ug/l	96
48) Methyl methacrylate	9.289	41	44414	44.426	ug/l #	81
49) 1,4-Dioxane	9.295	88	11364	831.835	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	281164	226.914	ug/l	90
52) Toluene	10.240	92	207085	44.270	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	110371	44.500	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	116611	43.735	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	66550	46.546	ug/l	96
56) Ethyl methacrylate	10.508	69	85675	46.869	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	107634	46.149	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	198373	250.841	ug/l	95
59) 2-Hexanone	10.831	43	197531	232.838	ug/l	88
60) Dibromochloromethane	10.983	129	80815	46.628	ug/l	99
61) 1,2-Dibromoethane	11.087	107	62270	43.951	ug/l	100
64) Tetrachloroethene	10.721	164	64097	39.644	ug/l	99
65) Chlorobenzene	11.514	112	224602	44.053	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	86455	46.310	ug/l	98
67) Ethyl Benzene	11.593	91	408004	44.406	ug/l	97
68) m/p-Xylenes	11.703	106	337634	90.520	ug/l	92
69) o-Xylene	12.032	106	162724	46.980	ug/l	90
70) Styrene	12.044	104	283051	47.519	ug/l	95
71) Bromoform	12.209	173	57792	46.698	ug/l #	99
73) Isopropylbenzene	12.331	105	433587	41.673	ug/l	100
74) N-amyl acetate	12.142	43	106034	44.171	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	90978	42.448	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	66063m	44.211	ug/l	
77) Bromobenzene	12.605	156	100590	41.706	ug/l	93
78) n-propylbenzene	12.672	91	535542	44.551	ug/l	100
79) 2-Chlorotoluene	12.758	91	299612	43.210	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	382935	43.910	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	27839	38.239	ug/l	89
82) 4-Chlorotoluene	12.855	91	332878	44.884	ug/l	97
83) tert-Butylbenzene	13.075	119	343201	44.358	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	386591	44.655	ug/l	96
85) sec-Butylbenzene	13.251	105	532481	44.982	ug/l	100
86) p-Isopropyltoluene	13.367	119	433506	43.915	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	223941	43.527	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	228471	44.201	ug/l	98
89) n-Butylbenzene	13.696	91	392068	43.414	ug/l	100
90) Hexachloroethane	13.959	117	83567	45.173	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	206866	45.549	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13639	40.988	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	101711	40.807	ug/l	98
94) Hexachlorobutadiene	15.111	225	56567	41.640	ug/l	99
95) Naphthalene	15.239	128	217524	43.443	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	89958	41.533	ug/l	98

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

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 Dadoda

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