

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008470.D
 Acq On : 25 Apr 2022 09:57
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

04/26/2022

Supervised By :Mahesh

Dadoda

04/26/2022

Quant Time: Apr 26 01:52:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	106395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	174607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	164942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	56210	44.901	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.800%		
35) Dibromofluoromethane	7.716	113	54578	48.433	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.860%		
50) Toluene-d8	10.179	98	205399	45.922	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.840%		
62) 4-Bromofluorobenzene	12.483	95	72398	47.712	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	46922	48.565	ug/l	98
3) Chloromethane	2.113	50	78079	51.356	ug/l	95
4) Vinyl Chloride	2.253	62	103250	52.265	ug/l	99
5) Bromomethane	2.650	94	87542	47.658	ug/l	99
6) Chloroethane	2.796	64	66744	50.785	ug/l	100
7) Trichlorofluoromethane	3.131	101	101772	49.731	ug/l	94
8) Diethyl Ether	3.527	74	34101	48.415	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.899	101	62613	51.396	ug/l	92
10) Methyl Iodide	4.094	142	76851	47.952	ug/l	92
11) Tert butyl alcohol	4.954	59	27839	216.286	ug/l	96
12) 1,1-Dichloroethene	3.875	96	58486	50.852	ug/l #	78
13) Acrolein	3.729	56	28215	211.693	ug/l	97
14) Allyl chloride	4.478	41	75276	50.144	ug/l #	85
15) Acrylonitrile	5.161	53	85996	238.791	ug/l	97
16) Acetone	3.948	43	68503	234.933	ug/l #	88
17) Carbon Disulfide	4.198	76	177973	51.184	ug/l	100
18) Methyl Acetate	4.472	43	36405	44.519	ug/l #	81
19) Methyl tert-butyl Ether	5.222	73	175877	48.329	ug/l	95
20) Methylene Chloride	4.716	84	67005	43.367	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	70743	50.424	ug/l #	81
22) Diisopropyl ether	6.118	45	184084	50.778	ug/l #	92
23) Vinyl Acetate	6.057	43	628039	252.687	ug/l #	88
24) 1,1-Dichloroethane	6.021	63	116865	51.788	ug/l	98
25) 2-Butanone	6.984	43	107302	237.867	ug/l #	76
26) 2,2-Dichloropropane	6.978	77	110644	52.939	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	81269	50.642	ug/l	83
28) Bromochloromethane	7.332	49	41363	45.441	ug/l #	71
29) Tetrahydrofuran	7.344	42	69222	238.248	ug/l #	76
30) Chloroform	7.508	83	127006	51.230	ug/l	99
31) Cyclohexane	7.783	56	100591	48.878	ug/l #	83
32) 1,1,1-Trichloroethane	7.704	97	113705	52.380	ug/l	96
36) 1,1-Dichloropropene	7.917	75	96610	53.897	ug/l	95
37) Ethyl Acetate	7.069	43	48047	48.467	ug/l #	91
38) Carbon Tetrachloride	7.899	117	102838	55.218	ug/l	98
39) Methylcyclohexane	9.185	83	128157	55.839	ug/l #	85
40) Benzene	8.161	78	281350	53.800	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	25108m	52.228	ug/l	
42) 1,2-Dichloroethane	8.234	62	81993	52.077	ug/l	90
43) Isopropyl Acetate	8.270	43	92926	50.969	ug/l #	88
44) Trichloroethene	8.941	130	78452	54.453	ug/l	99
45) 1,2-Dichloropropane	9.215	63	68342	54.421	ug/l	97
46) Dibromomethane	9.307	93	45617	51.848	ug/l	94
47) Bromodichloromethane	9.496	83	100801	53.971	ug/l	100
48) Methyl methacrylate	9.289	41	40225	51.890	ug/l #	76
49) 1,4-Dioxane	9.295	88	11133	1003.473	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	244056	254.464	ug/l #	85
52) Toluene	10.246	92	188829	54.600	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	108602	54.223	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	119254	53.729	ug/l #	83
55) 1,1,2-Trichloroethane	10.648	97	63250	52.672	ug/l	98
56) Ethyl methacrylate	10.508	69	82501	53.209	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	103367	52.732	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	201929	237.632	ug/l	91
59) 2-Hexanone	10.831	43	173466	262.825	ug/l	83
60) Dibromochloromethane	10.983	129	74826	54.236	ug/l	100
61) 1,2-Dibromoethane	11.087	107	61821	52.052	ug/l	99
64) Tetrachloroethene	10.721	164	67035	54.804	ug/l	98
65) Chlorobenzene	11.520	112	202416	54.274	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	75868	55.099	ug/l	97
67) Ethyl Benzene	11.593	91	358469	55.382	ug/l	97
68) m/p-Xylenes	11.703	106	292536	112.832	ug/l	91
69) o-Xylene	12.032	106	138344	55.425	ug/l	92
70) Styrene	12.044	104	237455	56.452	ug/l	94
71) Bromoform	12.209	173	46491	53.877	ug/l #	100
73) Isopropylbenzene	12.331	105	362298	57.838	ug/l	100
74) N-amyl acetate	12.148	43	86339	55.784	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	74934	53.540	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	47691m	44.604	ug/l	
77) Bromobenzene	12.611	156	83098	54.395	ug/l	95
78) n-propylbenzene	12.672	91	435459	57.957	ug/l	99
79) 2-Chlorotoluene	12.757	91	237766	56.226	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	298376	57.387	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	25567	55.474	ug/l #	81
82) 4-Chlorotoluene	12.855	91	248816	56.780	ug/l	96
83) tert-Butylbenzene	13.081	119	269666	59.746	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	299690	58.092	ug/l	96
85) sec-Butylbenzene	13.257	105	402244	59.052	ug/l	100
86) p-Isopropyltoluene	13.373	119	332358	58.261	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	171147	55.958	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	168160	55.503	ug/l	98
89) n-Butylbenzene	13.696	91	306901	59.274	ug/l	99
90) Hexachloroethane	13.965	117	61975	60.428	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	151405	55.674	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11284	53.649	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	83120	54.909	ug/l	99
94) Hexachlorobutadiene	15.117	225	42318	57.294	ug/l	99
95) Naphthalene	15.239	128	182755	53.255	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	71027	53.606	ug/l	99

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

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