

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008537.D
 Acq On : 28 Apr 2022 10:33
 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 04/29/2022
 Supervised By :Mahesh Dadoda 04/29/2022

Quant Time: Apr 29 01:58:30 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	7.795	168	116499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	193825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	180815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	64878	47.330	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.660%		
35) Dibromofluoromethane	7.722	113	63785	50.991	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.980%		
50) Toluene-d8	10.179	98	230397	46.381	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.760%		
62) 4-Bromofluorobenzene	12.483	95	80336	47.694	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	49095	46.407	ug/l	94
3) Chloromethane	2.113	50	76401	45.894	ug/l	94
4) Vinyl Chloride	2.253	62	102516	47.393	ug/l	96
5) Bromomethane	2.650	94	88083	43.794	ug/l	97
6) Chloroethane	2.796	64	68084	47.311	ug/l	95
7) Trichlorofluoromethane	3.131	101	118457	52.863	ug/l	95
8) Diethyl Ether	3.533	74	38800	50.309	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.899	101	68692	51.496	ug/l	93
10) Methyl Iodide	4.094	142	72540	41.570	ug/l	91
11) Tert butyl alcohol	4.954	59	33894	243.519	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	63589	50.494	ug/l	81
13) Acrolein	3.729	56	28109	192.606	ug/l	97
14) Allyl chloride	4.485	41	83903	51.044	ug/l #	89
15) Acrylonitrile	5.161	53	94038	238.474	ug/l	98
16) Acetone	3.948	43	77116	241.534	ug/l	90
17) Carbon Disulfide	4.198	76	181223	47.598	ug/l	98
18) Methyl Acetate	4.472	43	41000	45.790	ug/l #	80
19) Methyl tert-butyl Ether	5.216	73	196710	49.366	ug/l	92
20) Methylene Chloride	4.716	84	74198	43.937	ug/l #	80
21) trans-1,2-Dichloroethene	5.222	96	74061	48.211	ug/l #	81
22) Diisopropyl ether	6.118	45	194244	48.934	ug/l #	93
23) Vinyl Acetate	6.057	43	680759	250.144	ug/l #	87
24) 1,1-Dichloroethane	6.021	63	124325	50.316	ug/l	99
25) 2-Butanone	6.984	43	119616	242.166	ug/l #	76
26) 2,2-Dichloropropane	6.984	77	119597	52.260	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	88564	50.402	ug/l	83
28) Bromochloromethane	7.332	49	44532	44.680	ug/l #	68
29) Tetrahydrofuran	7.350	42	76465	240.351	ug/l #	74
30) Chloroform	7.508	83	137972	50.827	ug/l	98
31) Cyclohexane	7.783	56	105306	46.731	ug/l #	86
32) 1,1,1-Trichloroethane	7.703	97	122682	51.613	ug/l	95
36) 1,1-Dichloropropene	7.917	75	101615	51.068	ug/l	96
37) Ethyl Acetate	7.069	43	54338	49.378	ug/l #	91
38) Carbon Tetrachloride	7.899	117	110824	53.606	ug/l	99
39) Methylcyclohexane	9.185	83	133081	52.235	ug/l #	84
40) Benzene	8.161	78	297271	51.208	ug/l	97

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41) Methacrylonitrile	7.313	41	26327m	49.334	ug/l	
42) 1,2-Dichloroethane	8.240	62	89438	51.174	ug/l	90
43) Isopropyl Acetate	8.270	43	104115	51.444	ug/l #	86
44) Trichloroethene	8.941	130	84486	52.826	ug/l	96
45) 1,2-Dichloropropane	9.215	63	72735	52.176	ug/l	95
46) Dibromomethane	9.307	93	49600	50.786	ug/l	95
47) Bromodichloromethane	9.496	83	109602	52.865	ug/l	98
48) Methyl methacrylate	9.295	41	43981	51.109	ug/l #	74
49) 1,4-Dioxane	9.295	88	12143	985.987	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	273480	256.871	ug/l #	84
52) Toluene	10.246	92	199602	51.993	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	117476	52.838	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	128414	52.120	ug/l #	84
55) 1,1,2-Trichloroethane	10.648	97	68737	51.566	ug/l	94
56) Ethyl methacrylate	10.508	69	91907	53.398	ug/l #	76
57) 1,3-Dichloropropane	10.794	76	112745	51.813	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	232052	246.005	ug/l	90
59) 2-Hexanone	10.831	43	192458	262.687	ug/l	82
60) Dibromochloromethane	10.983	129	82311	53.746	ug/l	100
61) 1,2-Dibromoethane	11.093	107	68311	51.813	ug/l	99
64) Tetrachloroethene	10.721	164	71049	52.987	ug/l	97
65) Chlorobenzene	11.520	112	218571	53.461	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	82961	54.961	ug/l	97
67) Ethyl Benzene	11.593	91	381205	53.725	ug/l	98
68) m/p-Xylenes	11.703	106	306082	107.693	ug/l	91
69) o-Xylene	12.032	106	145870	53.310	ug/l	90
70) Styrene	12.044	104	247458	53.666	ug/l	95
71) Bromoform	12.209	173	51898	54.863	ug/l #	97
73) Isopropylbenzene	12.331	105	377074	55.064	ug/l	100
74) N-amyl acetate	12.148	43	93631	55.337	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.587	83	81245	53.099	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	53528m	45.794	ug/l	
77) Bromobenzene	12.611	156	88065	52.731	ug/l	95
78) n-propylbenzene	12.672	91	448271	54.575	ug/l	98
79) 2-Chlorotoluene	12.757	91	251099	54.315	ug/l	97
80) 1,3,5-Trimethylbenzene	12.818	105	309706	54.486	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	29077	57.710	ug/l #	82
82) 4-Chlorotoluene	12.855	91	261318	54.548	ug/l	96
83) tert-Butylbenzene	13.081	119	279639	56.672	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	310986	55.141	ug/l	97
85) sec-Butylbenzene	13.257	105	418503	56.200	ug/l	100
86) p-Isopropyltoluene	13.373	119	352324	56.494	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	179205	53.596	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	175652	53.032	ug/l	99
89) n-Butylbenzene	13.702	91	316147	55.853	ug/l	99
90) Hexachloroethane	13.965	117	63482	56.619	ug/l	82
91) 1,2-Dichlorobenzene	13.745	146	155933	52.449	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12087	52.566	ug/l	79
93) 1,2,4-Trichlorobenzene	15.013	180	84938	51.325	ug/l	97
94) Hexachlorobutadiene	15.117	225	43897	54.364	ug/l	100
95) Naphthalene	15.239	128	193329	51.532	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	74378	51.348	ug/l	99

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

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