

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
 Data File : VY008432.D
 Acq On : 20 Apr 2022 20:35
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/21/2022
 Supervised By :Mahesh Dadoda 04/21/2022

Quant Time: Apr 21 02:43:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	141881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	247337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	229841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	65570	49.200	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.400%		
35) Dibromofluoromethane	7.716	113	71397	49.978	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.960%		
50) Toluene-d8	10.179	98	233821	47.833	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.660%		
62) 4-Bromofluorobenzene	12.483	95	90974	49.480	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	48051	40.895	ug/l	98
3) Chloromethane	2.113	50	58943	43.594	ug/l	93
4) Vinyl Chloride	2.247	62	83025	41.076	ug/l	99
5) Bromomethane	2.643	94	80192	51.188	ug/l	98
6) Chloroethane	2.790	64	61047	43.121	ug/l	94
7) Trichlorofluoromethane	3.125	101	117024	48.657	ug/l	93
8) Diethyl Ether	3.527	74	43324	49.844	ug/l	67
9) 1,1,2-Trichlorotrifluo...	3.899	101	73956	47.338	ug/l	92
10) Methyl Iodide	4.088	142	69620	40.360	ug/l	90
11) Tert butyl alcohol	4.954	59	42126	295.665	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	65182	46.578	ug/l #	80
13) Acrolein	3.722	56	22806	203.287	ug/l	99
14) Allyl chloride	4.472	41	88273	48.333	ug/l #	91
15) Acrylonitrile	5.155	53	113075	265.982	ug/l	97
16) Acetone	3.948	43	78856	246.001	ug/l	90
17) Carbon Disulfide	4.192	76	136667	37.019	ug/l	99
18) Methyl Acetate	4.478	43	46463	61.364	ug/l #	78
19) Methyl tert-butyl Ether	5.222	73	230007	53.259	ug/l	94
20) Methylene Chloride	4.716	84	89634	53.466	ug/l #	75
21) trans-1,2-Dichloroethene	5.216	96	77155	46.017	ug/l	84
22) Diisopropyl ether	6.112	45	223891	51.960	ug/l #	93
23) Vinyl Acetate	6.057	43	743993	266.476	ug/l #	84
24) 1,1-Dichloroethane	6.015	63	141251	51.069	ug/l	97
25) 2-Butanone	6.984	43	134433	268.204	ug/l #	75
26) 2,2-Dichloropropane	6.978	77	129520	50.850	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	99664	50.099	ug/l	82
28) Bromochloromethane	7.332	49	59350	55.982	ug/l #	65
29) Tetrahydrofuran	7.344	42	86955	268.700	ug/l #	71
30) Chloroform	7.502	83	162172	52.509	ug/l	97
31) Cyclohexane	7.783	56	96281	39.951	ug/l #	83
32) 1,1,1-Trichloroethane	7.703	97	139304	51.562	ug/l	95
36) 1,1-Dichloropropene	7.917	75	103874	45.534	ug/l	96
37) Ethyl Acetate	7.069	43	61965	52.679	ug/l #	91
38) Carbon Tetrachloride	7.899	117	119267	48.597	ug/l	99
39) Methylcyclohexane	9.185	83	124378	42.375	ug/l #	84
40) Benzene	8.161	78	326247	48.026	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	36914m	56.096	ug/l	
42) 1,2-Dichloroethane	8.234	62	98413	49.935	ug/l	89
43) Isopropyl Acetate	8.270	43	117615	53.876	ug/l #	85
44) Trichloroethene	8.935	130	91455	47.239	ug/l	97
45) 1,2-Dichloropropane	9.215	63	83774	50.482	ug/l	94
46) Dibromomethane	9.307	93	56243	51.207	ug/l	95
47) Bromodichloromethane	9.496	83	127664	51.684	ug/l	99
48) Methyl methacrylate	9.289	41	49866	53.734	ug/l #	74
49) 1,4-Dioxane	9.295	88	15531	1095.733	ug/l #	76
51) 4-Methyl-2-Pentanone	10.069	43	315120	279.549	ug/l #	83
52) Toluene	10.240	92	219467	49.035	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	129667	51.509	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	143885	50.663	ug/l #	79
55) 1,1,2-Trichloroethane	10.642	97	82463	52.633	ug/l	96
56) Ethyl methacrylate	10.508	69	105674	55.013	ug/l #	72
57) 1,3-Dichloropropane	10.788	76	128153	50.936	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	171149	226.196	ug/l #	88
59) 2-Hexanone	10.831	43	215866	278.303	ug/l	79
60) Dibromochloromethane	10.983	129	97829	53.454	ug/l	100
61) 1,2-Dibromoethane	11.087	107	77931	50.875	ug/l	99
64) Tetrachloroethene	10.721	164	75786	46.783	ug/l	98
65) Chlorobenzene	11.514	112	251540	50.465	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	100684	54.132	ug/l	97
67) Ethyl Benzene	11.593	91	432163	50.984	ug/l	97
68) m/p-Xylenes	11.703	106	348064	103.249	ug/l	90
69) o-Xylene	12.026	106	172875	52.844	ug/l	88
70) Styrene	12.044	104	292531	54.220	ug/l	93
71) Bromoform	12.209	173	62778	55.994	ug/l #	99
73) Isopropylbenzene	12.331	105	444377	48.761	ug/l	99
74) N-amyl acetate	12.142	43	104261	52.695	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	100013	51.864	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	69289m	51.110	ug/l	
77) Bromobenzene	12.605	156	105104	47.063	ug/l	93
78) n-propylbenzene	12.672	91	518015	48.170	ug/l	97
79) 2-Chlorotoluene	12.757	91	295358	48.939	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	375445	50.241	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	31953	52.736	ug/l #	81
82) 4-Chlorotoluene	12.855	91	307672	49.608	ug/l	94
83) tert-Butylbenzene	13.074	119	345303	51.507	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	377669	51.068	ug/l	96
85) sec-Butylbenzene	13.251	105	499100	50.216	ug/l	98
86) p-Isopropyltoluene	13.367	119	419392	50.566	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	222216	50.242	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	218649	49.949	ug/l	98
89) n-Butylbenzene	13.696	91	363607	48.523	ug/l	98
90) Hexachloroethane	13.958	117	79378	51.206	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	199975	50.820	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14683	53.218	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	103009	44.259	ug/l	99
94) Hexachlorobutadiene	15.111	225	51474	43.564	ug/l	98
95) Naphthalene	15.239	128	243643	48.871	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	90879	44.621	ug/l	99

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

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