

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008491.D
 Acq On : 25 Apr 2022 18:47
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/26/2022
 Supervised By :Mahesh Dadoda 04/26/2022

Quant Time: Apr 26 01:58:33 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	97724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	169461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	165226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	84669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	59952	52.139	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.280%			
35) Dibromofluoromethane	7.716	113	58422	53.418	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.840%			
50) Toluene-d8	10.179	98	214618	49.275	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.540%			
62) 4-Bromofluorobenzene	12.477	95	75448	51.232	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	41298	46.536	ug/l	99
3) Chloromethane	2.113	50	75146	53.812	ug/l	95
4) Vinyl Chloride	2.247	62	97611	53.795	ug/l	97
5) Bromomethane	2.649	94	86886	51.498	ug/l	96
6) Chloroethane	2.790	64	65681	54.410	ug/l	96
7) Trichlorofluoromethane	3.125	101	93799	49.901	ug/l	95
8) Diethyl Ether	3.527	74	32098	49.615	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.899	101	55849	49.912	ug/l	93
10) Methyl Iodide	4.088	142	66893	45.530	ug/l	92
11) Tert butyl alcohol	4.954	59	28910	248.071	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	52736	49.921	ug/l #	79
13) Acrolein	3.729	56	26399	215.642	ug/l	95
14) Allyl chloride	4.478	41	71923	52.162	ug/l #	87
15) Acrylonitrile	5.155	53	82100	248.200	ug/l	99
16) Acetone	3.942	43	58324	217.772	ug/l	90
17) Carbon Disulfide	4.192	76	156135	48.888	ug/l	99
18) Methyl Acetate	4.472	43	35463	47.215	ug/l #	82
19) Methyl tert-butyl Ether	5.216	73	169854	50.815	ug/l	94
20) Methylene Chloride	4.716	84	69186	49.626	ug/l #	81
21) trans-1,2-Dichloroethene	5.216	96	65573	50.886	ug/l #	79
22) Diisopropyl ether	6.118	45	173119	51.991	ug/l #	91
23) Vinyl Acetate	6.057	43	601610	263.531	ug/l #	87
24) 1,1-Dichloroethane	6.015	63	110201	53.168	ug/l	99
25) 2-Butanone	6.984	43	103620	250.086	ug/l #	78
26) 2,2-Dichloropropane	6.978	77	98921	51.530	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	77801	52.783	ug/l	83
28) Bromochloromethane	7.332	49	42882	51.290	ug/l #	75
29) Tetrahydrofuran	7.344	42	69109	258.964	ug/l #	75
30) Chloroform	7.502	83	121326	53.282	ug/l	98
31) Cyclohexane	7.783	56	91750	48.537	ug/l #	81
32) 1,1,1-Trichloroethane	7.697	97	106891	53.610	ug/l	96
36) 1,1-Dichloropropene	7.917	75	89349	51.360	ug/l	96
37) Ethyl Acetate	7.075	43	49125	51.060	ug/l #	93
38) Carbon Tetrachloride	7.899	117	94718	52.402	ug/l	98
39) Methylcyclohexane	9.179	83	114508	51.407	ug/l #	85
40) Benzene	8.161	78	265915	52.393	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	25085m	53.765	ug/l	
42) 1,2-Dichloroethane	8.234	62	79711	52.165	ug/l	91
43) Isopropyl Acetate	8.270	43	91826	51.895	ug/l #	87
44) Trichloroethene	8.935	130	73936	52.876	ug/l	96
45) 1,2-Dichloropropane	9.215	63	64658	53.051	ug/l	95
46) Dibromomethane	9.301	93	44263	51.837	ug/l	94
47) Bromodichloromethane	9.496	83	97212	53.630	ug/l	100
48) Methyl methacrylate	9.289	41	39691	52.756	ug/l #	74
49) 1,4-Dioxane	9.295	88	11800	1095.891	ug/l #	75
51) 4-Methyl-2-Pentanone	10.069	43	250360	268.964	ug/l #	86
52) Toluene	10.240	92	178003	53.033	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	103023	52.999	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	112306	52.136	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	60907	52.261	ug/l	98
56) Ethyl methacrylate	10.508	69	80344	53.392	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	100028	52.578	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	209087	253.528	ug/l	90
59) 2-Hexanone	10.831	43	172757	269.699	ug/l	82
60) Dibromochloromethane	10.983	129	72836	54.397	ug/l	100
61) 1,2-Dibromoethane	11.087	107	60976	52.899	ug/l	100
64) Tetrachloroethene	10.721	164	64161	52.364	ug/l	98
65) Chlorobenzene	11.514	112	196632	52.632	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	73063	52.971	ug/l	97
67) Ethyl Benzene	11.593	91	341928	52.736	ug/l	97
68) m/p-Xylenes	11.703	106	273050	105.135	ug/l	92
69) o-Xylene	12.026	106	130347	52.132	ug/l	93
70) Styrene	12.044	104	223322	53.001	ug/l	95
71) Bromoform	12.209	173	45304	52.411	ug/l #	100
73) Isopropylbenzene	12.331	105	336525	52.422	ug/l	99
74) N-amyl acetate	12.142	43	86740	54.685	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	74692	52.074	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	52586m	47.991	ug/l	
77) Bromobenzene	12.605	156	79760	50.945	ug/l	95
78) n-propylbenzene	12.672	91	403139	52.355	ug/l	98
79) 2-Chlorotoluene	12.757	91	224173	51.727	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	281205	52.773	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	24553	51.983	ug/l	85
82) 4-Chlorotoluene	12.855	91	241282	53.726	ug/l	97
83) tert-Butylbenzene	13.074	119	248012	53.616	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	286594	54.207	ug/l	98
85) sec-Butylbenzene	13.251	105	375803	53.833	ug/l	100
86) p-Isopropyltoluene	13.367	119	308938	52.843	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	162219	51.754	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	161991	52.171	ug/l	99
89) n-Butylbenzene	13.696	91	282239	53.190	ug/l	100
90) Hexachloroethane	13.958	117	58543	55.698	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	145698	52.277	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11040	51.216	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	80454	51.860	ug/l	99
94) Hexachlorobutadiene	15.111	225	40230	53.147	ug/l	98
95) Naphthalene	15.239	128	184088	52.343	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	69800	51.403	ug/l	99

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

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