

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009887.D
 Acq On : 08 Aug 2022 20:28
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/09/2022
 Supervised By :Mahesh Dadoda 08/09/2022

Quant Time: Aug 09 06:31:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	67389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	111236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	101062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	25835	48.837	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.680%		
35) Dibromofluoromethane	7.710	113	28010	46.387	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.780%		
50) Toluene-d8	10.173	98	85606	46.305	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.600%		
62) 4-Bromofluorobenzene	12.477	95	41391	49.092	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	25990	45.208	ug/l	95
3) Chloromethane	2.101	50	35013	48.978	ug/l	96
4) Vinyl Chloride	2.235	62	36994	49.739	ug/l	99
5) Bromomethane	2.637	94	25388	50.169	ug/l	100
6) Chloroethane	2.778	64	22587	50.232	ug/l	100
7) Trichlorofluoromethane	3.107	101	58261	48.284	ug/l	98
8) Diethyl Ether	3.515	74	21111	50.238	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.881	101	33755	48.785	ug/l	96
10) Methyl Iodide	4.070	142	42506	53.509	ug/l	99
11) Tert butyl alcohol	4.948	59	19121	250.277	ug/l #	94
12) 1,1-Dichloroethene	3.851	96	31856	49.721	ug/l	99
13) Acrolein	3.723	56	1227	147.129	ug/l	96
14) Allyl chloride	4.460	41	59151	49.546	ug/l	98
15) Acrylonitrile	5.149	53	59923	266.213	ug/l	100
16) Acetone	3.936	43	44360	233.360	ug/l	93
17) Carbon Disulfide	4.174	76	108284	53.014	ug/l	99
18) Methyl Acetate	4.466	43	30202	52.956	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	93941	52.545	ug/l	99
20) Methylene Chloride	4.698	84	46744	51.977	ug/l	95
21) trans-1,2-Dichloroethene	5.198	96	38112	51.931	ug/l	98
22) Diisopropyl ether	6.106	45	130997	52.214	ug/l	95
23) Vinyl Acetate	6.045	43	440233	280.218	ug/l	96
24) 1,1-Dichloroethane	6.003	63	66582	49.108	ug/l	99
25) 2-Butanone	6.978	43	81122	259.141	ug/l	96
26) 2,2-Dichloropropane	6.972	77	51602	43.837	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	42754	51.333	ug/l	99
28) Bromochloromethane	7.319	49	24187	51.209	ug/l	88
29) Tetrahydrofuran	7.338	42	57113	279.505	ug/l	95
30) Chloroform	7.496	83	67870	49.796	ug/l	97
31) Cyclohexane	7.777	56	65905	50.377	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	58955	51.274	ug/l	97
36) 1,1-Dichloropropene	7.905	75	53479	52.486	ug/l	99
37) Ethyl Acetate	7.063	43	37325	55.212	ug/l	99
38) Carbon Tetrachloride	7.893	117	53861	53.261	ug/l	98
39) Methylcyclohexane	9.179	83	65915	54.866	ug/l	96
40) Benzene	8.149	78	160955	52.700	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	20477m	55.456	ug/l	
42) 1,2-Dichloroethane	8.228	62	45513	53.708	ug/l	100
43) Isopropyl Acetate	8.264	43	67154	55.803	ug/l	95
44) Trichloroethene	8.935	130	42426	53.620	ug/l	97
45) 1,2-Dichloropropane	9.209	63	40608	51.249	ug/l	97
46) Dibromomethane	9.301	93	23857	53.861	ug/l	96
47) Bromodichloromethane	9.490	83	53744	52.878	ug/l	99
48) Methyl methacrylate	9.289	41	30311	56.623	ug/l	91
49) 1,4-Dioxane	9.289	88	5974	1175.001	ug/l	96
51) 4-Methyl-2-Pentanone	10.063	43	187646	282.140	ug/l	98
52) Toluene	10.240	92	98813	52.273	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	55794	52.355	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	62840	51.685	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	32792	51.286	ug/l	97
56) Ethyl methacrylate	10.508	69	46659	56.443	ug/l	93
57) 1,3-Dichloropropane	10.788	76	56213	52.417	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	99438	260.007	ug/l	96
59) 2-Hexanone	10.831	43	131801	290.330	ug/l	98
60) Dibromochloromethane	10.983	129	38070	51.718	ug/l	100
61) 1,2-Dibromoethane	11.081	107	32527	53.505	ug/l	99
64) Tetrachloroethene	10.715	164	39011	52.699	ug/l	96
65) Chlorobenzene	11.514	112	103941	51.803	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	37079	51.123	ug/l	97
67) Ethyl Benzene	11.587	91	187451	53.942	ug/l	97
68) m/p-Xylenes	11.697	106	144553	108.723	ug/l	96
69) o-Xylene	12.026	106	69005	55.292	ug/l	97
70) Styrene	12.038	104	118353	55.294	ug/l	100
71) Bromoform	12.203	173	24354	54.365	ug/l #	99
73) Isopropylbenzene	12.325	105	177739	53.154	ug/l	99
74) N-amyl acetate	12.142	43	63257	58.303	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	41444	54.061	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	28633m	52.229	ug/l	
77) Bromobenzene	12.605	156	42563	52.710	ug/l	89
78) n-propylbenzene	12.666	91	228130	53.707	ug/l	98
79) 2-Chlorotoluene	12.751	91	126776	53.327	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	152115	54.330	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	14783	54.518	ug/l	97
82) 4-Chlorotoluene	12.849	91	133389	53.221	ug/l	97
83) tert-Butylbenzene	13.075	119	131801	54.455	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	151185	54.664	ug/l	99
85) sec-Butylbenzene	13.251	105	201746	54.289	ug/l	98
86) p-Isopropyltoluene	13.367	119	164619	54.721	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	85472	52.923	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	85817	52.238	ug/l	99
89) n-Butylbenzene	13.696	91	161575	54.983	ug/l	97
90) Hexachloroethane	13.959	117	32729	52.214	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	78387	53.250	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6706	54.689	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	46167	55.330	ug/l	97
94) Hexachlorobutadiene	15.111	225	24153	50.965	ug/l	98
95) Naphthalene	15.233	128	106333	60.864	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	41314	55.653	ug/l	99

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

