

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011561.D
 Acq On : 22 Nov 2022 20:17
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/23/2022
 Supervised By :Mahesh Dadoda 11/25/2022

Quant Time: Nov 23 04:09:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	167524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	265331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	252585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	87611	51.505	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.000%			
35) Dibromofluoromethane	7.716	113	83759	51.280	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.560%			
50) Toluene-d8	10.179	98	295119	49.721	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.440%			
62) 4-Bromofluorobenzene	12.483	95	117095	53.358	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	37539	40.285	ug/l	95
3) Chloromethane	2.113	50	71434	50.168	ug/l	99
4) Vinyl Chloride	2.253	62	80558	42.515	ug/l	97
5) Bromomethane	2.656	94	60116	49.672	ug/l	98
6) Chloroethane	2.796	64	59213	44.790	ug/l	97
7) Trichlorofluoromethane	3.131	101	126573	45.540	ug/l	96
8) Diethyl Ether	3.534	74	48252	53.716	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.906	101	75829	47.182	ug/l	95
10) Methyl Iodide	4.095	142	93203	49.776	ug/l	95
11) Tert butyl alcohol	4.948	59	39902	212.000	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	70107	47.621	ug/l	92
13) Acrolein	3.729	56	9539	212.677	ug/l	98
14) Allyl chloride	4.485	41	129747	50.204	ug/l	95
15) Acrylonitrile	5.161	53	141665	288.739	ug/l	98
16) Acetone	3.942	43	125469	227.082	ug/l	94
17) Carbon Disulfide	4.198	76	191039	46.821	ug/l	98
18) Methyl Acetate	4.479	43	71679	56.430	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	237522	56.532	ug/l	97
20) Methylene Chloride	4.716	84	101288	48.683	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	86088	50.603	ug/l	90
22) Diisopropyl ether	6.119	45	322003	57.080	ug/l	98
23) Vinyl Acetate	6.064	43	994988	302.788	ug/l	97
24) 1,1-Dichloroethane	6.015	63	171480	51.772	ug/l	98
25) 2-Butanone	6.984	43	191889	264.258	ug/l	93
26) 2,2-Dichloropropane	6.984	77	143628	46.984	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	106013	52.932	ug/l	94
28) Bromochloromethane	7.332	49	72407	54.416	ug/l	96
29) Tetrahydrofuran	7.344	42	124036	302.469	ug/l	95
30) Chloroform	7.509	83	182238	53.055	ug/l	99
31) Cyclohexane	7.789	56	132935	47.149	ug/l	100
32) 1,1,1-Trichloroethane	7.704	97	149984	48.811	ug/l	98
36) 1,1-Dichloropropene	7.917	75	123535	48.385	ug/l	99
37) Ethyl Acetate	7.076	43	81859	56.305	ug/l	97
38) Carbon Tetrachloride	7.905	117	134815	47.197	ug/l	99
39) Methylcyclohexane	9.185	83	139643	49.011	ug/l	92
40) Benzene	8.161	78	378110	50.840	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	50293m	68.418	ug/l	
42) 1,2-Dichloroethane	8.240	62	119723	52.051	ug/l	94
43) Isopropyl Acetate	8.271	43	146634	55.909	ug/l	95
44) Trichloroethene	8.941	130	97532	48.741	ug/l	91
45) 1,2-Dichloropropane	9.216	63	100757	53.002	ug/l	98
46) Dibromomethane	9.307	93	56817	53.453	ug/l	94
47) Bromodichloromethane	9.496	83	142051	53.056	ug/l	98
48) Methyl methacrylate	9.295	41	68097	58.455	ug/l	91
49) 1,4-Dioxane	9.301	88	15472	1175.380	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	436287	299.242	ug/l	95
52) Toluene	10.246	92	243539	51.783	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	143378	53.573	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	159978	53.135	ug/l	90
55) 1,1,2-Trichloroethane	10.648	97	80704	53.071	ug/l	98
56) Ethyl methacrylate	10.508	69	110539	58.446	ug/l	88
57) 1,3-Dichloropropane	10.788	76	140727	54.642	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	268302	289.661	ug/l	99
59) 2-Hexanone	10.831	43	300967	289.228	ug/l	93
60) Dibromochloromethane	10.984	129	101041	54.218	ug/l	99
61) 1,2-Dibromoethane	11.087	107	76531	55.135	ug/l	99
64) Tetrachloroethene	10.721	164	99428	47.769	ug/l	96
65) Chlorobenzene	11.520	112	265990	50.290	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	103270	51.515	ug/l	98
67) Ethyl Benzene	11.593	91	488525	51.154	ug/l	99
68) m/p-Xylenes	11.703	106	372213	102.385	ug/l	97
69) o-Xylene	12.032	106	179479	53.027	ug/l	96
70) Styrene	12.044	104	311266	53.875	ug/l	97
71) Bromoform	12.209	173	64699	53.050	ug/l #	99
73) Isopropylbenzene	12.331	105	474827	49.421	ug/l	100
74) N-amyl acetate	12.142	43	133889	56.432	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	97739	51.626	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	64603m	45.156	ug/l	
77) Bromobenzene	12.611	156	111125	49.533	ug/l	98
78) n-propylbenzene	12.672	91	586363	50.025	ug/l	100
79) 2-Chlorotoluene	12.758	91	332949	50.397	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	412040	50.876	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	34312	52.532	ug/l	90
82) 4-Chlorotoluene	12.855	91	349629	50.612	ug/l	99
83) tert-Butylbenzene	13.075	119	349754	49.580	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	414080	51.767	ug/l	100
85) sec-Butylbenzene	13.251	105	525002	49.879	ug/l	99
86) p-Isopropyltoluene	13.367	119	442129	50.332	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	228837	50.109	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	226284	49.553	ug/l	99
89) n-Butylbenzene	13.696	91	414188	51.292	ug/l	99
90) Hexachloroethane	13.959	117	85447	48.170	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	206191	50.934	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16462	53.020	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	120661	53.737	ug/l	98
94) Hexachlorobutadiene	15.111	225	70716	50.666	ug/l	98
95) Naphthalene	15.239	128	256585	54.146	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	108064	56.158	ug/l	99

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

