

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016999.D
 Acq On : 12 Jan 2024 17:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
 Supervised By :Semsettin Yesilyurt 01/15/2024

Quant Time: Jan 13 00:08:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	53871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	93104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	82254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	38813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	55503	104.243	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	= 208.480%#		
35) Dibromofluoromethane	7.734	113	58685	98.914	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	= 197.820%#		
50) Toluene-d8	10.191	98	199076	97.442	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	= 194.880%#		
62) 4-Bromofluorobenzene	12.489	95	70436	102.187	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	= 204.380%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	31450	81.882	ug/l	90
3) Chloromethane	2.119	50	59285	93.682	ug/l	98
4) Vinyl Chloride	2.259	62	68168	91.322	ug/l	98
5) Bromomethane	2.662	94	55226	103.272	ug/l	96
6) Chloroethane	2.808	64	49821	98.667	ug/l	100
7) Trichlorofluoromethane	3.137	101	83402	90.680	ug/l	98
8) Diethyl Ether	3.540	74	31137	105.934	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.918	101	53588	89.609	ug/l	100
10) Methyl Iodide	4.100	142	46433	91.267	ug/l	100
11) Tert butyl alcohol	4.972	59	25828	730.650	ug/l	98
12) 1,1-Dichloroethene	3.887	96	46551	90.725	ug/l	98
13) Acrolein	3.741	56	23329	406.719	ug/l	100
14) Allyl chloride	4.497	41	77712	95.804	ug/l	98
15) Acrylonitrile	5.180	53	75945	552.389	ug/l	99
16) Acetone	3.960	43	68524	551.273	ug/l	99
17) Carbon Disulfide	4.210	76	97112	79.210	ug/l	100
18) Methyl Acetate	4.491	43	74313	130.273	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	155227	116.283	ug/l	99
20) Methylene Chloride	4.735	84	64509	108.837	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	55647	94.693	ug/l	97
22) Diisopropyl ether	6.137	45	199012	106.122	ug/l	96
23) Vinyl Acetate	6.076	43	445327	517.899	ug/l	99
24) 1,1-Dichloroethane	6.039	63	112802	100.096	ug/l	98
25) 2-Butanone	7.002	43	102017	574.034	ug/l	94
26) 2,2-Dichloropropane	6.996	77	93861	96.061	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	71990	104.504	ug/l	99
28) Bromochloromethane	7.350	49	48297	114.158	ug/l	98
29) Tetrahydrofuran	7.362	42	61532	570.989	ug/l	99
30) Chloroform	7.521	83	120467	103.733	ug/l	98
31) Cyclohexane	7.801	56	74457	81.477	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	98184	99.711	ug/l	99
36) 1,1-Dichloropropene	7.935	75	78277	90.531	ug/l	98
37) Ethyl Acetate	7.088	43	42502	108.168	ug/l	99
38) Carbon Tetrachloride	7.917	117	82941	94.416	ug/l	97
39) Methylcyclohexane	9.197	83	87216	89.727	ug/l	98
40) Benzene	8.173	78	247128	95.279	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	24294	117.396	ug/l	96
42) 1,2-Dichloroethane	8.252	62	71834	104.323	ug/l	100
43) Isopropyl Acetate	8.289	43	84787	112.682	ug/l	99
44) Trichloroethene	8.953	130	64035	97.023	ug/l	99
45) 1,2-Dichloropropane	9.228	63	66924	100.154	ug/l	99
46) Dibromomethane	9.319	93	36135	106.033	ug/l	99
47) Bromodichloromethane	9.508	83	96065	104.975	ug/l	96
48) Methyl methacrylate	9.307	41	45996	113.269	ug/l	92
49) 1,4-Dioxane	9.313	88	8635	2447.142	ug/l	95
51) 4-Methyl-2-Pentanone	10.081	43	238898	596.997	ug/l	99
52) Toluene	10.258	92	156704	100.109	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	88396	107.839	ug/l	96
54) cis-1,3-Dichloropropene	9.941	75	102382	104.004	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	54124	108.712	ug/l	99
56) Ethyl methacrylate	10.520	69	50896	120.694	ug/l	100
57) 1,3-Dichloropropane	10.801	76	88816	106.848	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	140973	511.643	ug/l	99
59) 2-Hexanone	10.843	43	164513	558.325	ug/l	99
60) Dibromochloromethane	10.996	129	62827	109.427	ug/l	99
61) 1,2-Dibromoethane	11.099	107	48102	111.202	ug/l	99
64) Tetrachloroethene	10.727	164	51719	96.985	ug/l	98
65) Chlorobenzene	11.526	112	167702	97.871	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	66527	102.134	ug/l	99
67) Ethyl Benzene	11.605	91	306343	99.304	ug/l	99
68) m/p-Xylenes	11.715	106	226127	199.698	ug/l	99
69) o-Xylene	12.038	106	109473	103.126	ug/l	100
70) Styrene	12.050	104	163983	106.139	ug/l	99
71) Bromoform	12.215	173	36044	112.405	ug/l #	100
73) Isopropylbenzene	12.337	105	297445	93.846	ug/l	100
74) N-amyl acetate	12.154	43	67817	106.497	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	65593	101.569	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	40530m	96.227	ug/l	
77) Bromobenzene	12.617	156	67371	96.544	ug/l	96
78) n-propylbenzene	12.678	91	356159	92.432	ug/l	100
79) 2-Chlorotoluene	12.764	91	199345	93.297	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	239328	95.476	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	18082	97.485	ug/l	98
82) 4-Chlorotoluene	12.861	91	206163	94.444	ug/l	99
83) tert-Butylbenzene	13.087	119	219722	99.519	ug/l	100
84) 1,2,4-Trimethylbenzene	13.129	105	240785	97.539	ug/l	99
85) sec-Butylbenzene	13.263	105	311017	95.070	ug/l	100
86) p-Isopropyltoluene	13.379	119	261884	96.996	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	128317	93.759	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	126772	94.706	ug/l	100
89) n-Butylbenzene	13.702	91	247774	95.448	ug/l	99
90) Hexachloroethane	13.971	117	53561	92.320	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	113738	96.166	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8699	107.419	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	61692	105.041	ug/l	98
94) Hexachlorobutadiene	15.123	225	32523	88.396	ug/l	99
95) Naphthalene	15.245	128	377861	243.203	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	53538	107.358	ug/l	97

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

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