

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019132.D
 Acq On : 19 Aug 2024 21:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024
 Supervised By :Semsettin Yesilyurt 08/20/2024

Quant Time: Aug 20 01:51:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	111254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	184720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	165137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	84286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	59148	53.036	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.080%			
35) Dibromofluoromethane	7.622	113	61048	50.544	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.080%			
50) Toluene-d8	10.103	98	223946	51.523	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.040%			
62) 4-Bromofluorobenzene	12.408	95	76204	51.430	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 102.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	37608	46.074	ug/l	99
3) Chloromethane	2.062	50	73059	49.657	ug/l	99
4) Vinyl Chloride	2.196	62	96452	53.073	ug/l	100
5) Bromomethane	2.586	94	69100	63.918	ug/l	99
6) Chloroethane	2.726	64	64629	56.718	ug/l	95
7) Trichlorofluoromethane	3.043	101	137654	50.100	ug/l	94
8) Diethyl Ether	3.446	74	31888	53.768	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.799	101	60858	49.823	ug/l	100
10) Methyl Iodide	3.995	142	67916	56.725	ug/l	95
11) Tert butyl alcohol	4.842	59	22956	239.890	ug/l #	76
12) 1,1-Dichloroethene	3.781	96	57146	51.494	ug/l	96
13) Acrolein	3.641	56	17283	202.607	ug/l	98
14) Allyl chloride	4.373	41	77897	52.795	ug/l	94
15) Acrylonitrile	5.037	53	69364	285.840	ug/l	98
16) Acetone	3.854	43	50794	245.591	ug/l	88
17) Carbon Disulfide	4.092	76	164324	52.498	ug/l	98
18) Methyl Acetate	4.373	43	36198	57.026	ug/l	96
19) Methyl tert-butyl Ether	5.098	73	147670	54.886	ug/l	99
20) Methylene Chloride	4.604	84	73939	59.509	ug/l	96
21) trans-1,2-Dichloroethene	5.104	96	66894	53.954	ug/l	98
22) Diisopropyl ether	6.006	45	182397	54.000	ug/l	94
23) Vinyl Acetate	5.945	43	723981	270.729	ug/l	96
24) 1,1-Dichloroethane	5.903	63	109277	52.902	ug/l	97
25) 2-Butanone	6.878	43	88405	265.414	ug/l #	88
26) 2,2-Dichloropropane	6.872	77	74430	44.496	ug/l	97
27) cis-1,2-Dichloroethene	6.878	96	80170	54.945	ug/l	96
28) Bromochloromethane	7.226	49	45626	52.656	ug/l	100
29) Tetrahydrofuran	7.244	42	59767	279.135	ug/l	92
30) Chloroform	7.409	83	124656	54.158	ug/l	98
31) Cyclohexane	7.689	56	85552	53.968	ug/l	96
32) 1,1,1-Trichloroethane	7.604	97	107100	52.947	ug/l	98
36) 1,1-Dichloropropene	7.823	75	81919	49.392	ug/l	99
37) Ethyl Acetate	6.970	43	41485	56.457	ug/l	96
38) Carbon Tetrachloride	7.811	117	97094	50.515	ug/l	99
39) Methylcyclohexane	9.097	83	105025	49.345	ug/l	98
40) Benzene	8.067	78	268771	52.839	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	24543m	61.194	ug/l	
42) 1,2-Dichloroethane	8.146	62	70503	51.327	ug/l	98
43) Isopropyl Acetate	8.183	43	79068	53.206	ug/l #	83
44) Trichloroethene	8.853	130	73267	51.621	ug/l	99
45) 1,2-Dichloropropane	9.134	63	59909	52.862	ug/l	98
46) Dibromomethane	9.225	93	38762	52.733	ug/l	98
47) Bromodichloromethane	9.414	83	96110	53.294	ug/l	96
48) Methyl methacrylate	9.213	41	35602	53.756	ug/l	89
49) 1,4-Dioxane	9.219	88	9841	1105.194	ug/l #	95
51) 4-Methyl-2-Pentanone	9.993	43	215524	273.248	ug/l	94
52) Toluene	10.164	92	178357	53.417	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	79738	53.301	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	92105	51.195	ug/l #	92
55) 1,1,2-Trichloroethane	10.567	97	51136	54.039	ug/l	97
56) Ethyl methacrylate	10.438	69	68696	55.463	ug/l #	87
57) 1,3-Dichloropropane	10.713	76	83551	54.163	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	154376	262.730	ug/l	96
59) 2-Hexanone	10.756	43	146571	270.483	ug/l	93
60) Dibromochloromethane	10.908	129	69591	53.995	ug/l	98
61) 1,2-Dibromoethane	11.012	107	49186	53.778	ug/l	100
64) Tetrachloroethene	10.646	164	76442	52.959	ug/l	99
65) Chlorobenzene	11.438	112	195787	51.489	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.518	131	69725	52.142	ug/l	97
67) Ethyl Benzene	11.518	91	336330	50.960	ug/l	97
68) m/p-Xylenes	11.627	106	268260	102.438	ug/l	99
69) o-Xylene	11.957	106	126258	52.063	ug/l	100
70) Styrene	11.969	104	219697	53.125	ug/l	99
71) Bromoform	12.133	173	40735	53.290	ug/l #	98
73) Isopropylbenzene	12.255	105	330365	51.139	ug/l	100
74) N-amyl acetate	12.072	43	73153	51.930	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	57626	50.106	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	41551m	49.988	ug/l	
77) Bromobenzene	12.530	156	80484	51.877	ug/l	94
78) n-propylbenzene	12.597	91	384738	49.819	ug/l	98
79) 2-Chlorotoluene	12.682	91	220756	50.987	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	271646	51.617	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	16318	48.483	ug/l	90
82) 4-Chlorotoluene	12.780	91	229148	50.871	ug/l	98
83) tert-Butylbenzene	12.999	119	243641	50.131	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	270420	51.556	ug/l	99
85) sec-Butylbenzene	13.176	105	352798	49.813	ug/l	100
86) p-Isopropyltoluene	13.292	119	296612	50.987	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	156535	51.161	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	151781	49.905	ug/l	99
89) n-Butylbenzene	13.621	91	263523	49.685	ug/l	99
90) Hexachloroethane	13.877	117	58699	51.192	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	138973	51.644	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8651	51.132	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	75437	49.710	ug/l	99
94) Hexachlorobutadiene	15.023	225	38552	48.772	ug/l	98
95) Naphthalene	15.145	128	144977	53.529	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	66099	51.643	ug/l	99

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

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