

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019018.D
 Acq On : 13 Aug 2024 10:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Romaben
 Patel

08/14/2024

Supervised By : Mahesh
 Dadoda

08/14/2024

Quant Time: Aug 14 01:31:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	54699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	83308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	72671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	39119	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.055	65	24489	50.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.980%	
35) Dibromofluoromethane	7.622	113	28277	53.145	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.280%	
50) Toluene-d8	10.109	98	101316	49.574	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.140%	
62) 4-Bromofluorobenzene	12.408	95	30415	50.162	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.320%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	17713	47.112	ug/l	97
3) Chloromethane	2.068	50	43466	48.747	ug/l	91
4) Vinyl Chloride	2.202	62	60890	48.327	ug/l	97
5) Bromomethane	2.598	94	49613	49.353	ug/l	96
6) Chloroethane	2.733	64	42980	50.728	ug/l	97
7) Trichlorofluoromethane	3.043	101	79625	47.417	ug/l	98
8) Diethyl Ether	3.452	74	13326	51.480	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.806	101	27549	52.512	ug/l	96
10) Methyl Iodide	4.001	142	32530	57.424	ug/l	97
11) Tert butyl alcohol	4.842	59	9227	214.366	ug/l #	73
12) 1,1-Dichloroethene	3.787	96	25144	50.732	ug/l	94
13) Acrolein	3.641	56	11094	219.778	ug/l	98
14) Allyl chloride	4.373	41	34150	51.519	ug/l #	83
15) Acrylonitrile	5.037	53	28293	278.803	ug/l	96
16) Acetone	3.854	43	33059	281.299	ug/l #	86
17) Carbon Disulfide	4.098	76	73649	49.988	ug/l	99
18) Methyl Acetate	4.373	43	13940	52.224	ug/l	96
19) Methyl tert-butyl Ether	5.104	73	60040	49.251	ug/l	99
20) Methylene Chloride	4.604	84	28506	51.921	ug/l #	90
21) trans-1,2-Dichloroethene	5.110	96	29281	53.395	ug/l	93
22) Diisopropyl ether	6.006	45	77112	53.363	ug/l #	84
23) Vinyl Acetate	5.945	43	347582	278.711	ug/l #	91
24) 1,1-Dichloroethane	5.909	63	46697	52.676	ug/l	100
25) 2-Butanone	6.878	43	44448	285.845	ug/l	93
26) 2,2-Dichloropropane	6.878	77	39828	47.735	ug/l	98
27) cis-1,2-Dichloroethene	6.878	96	34919	53.220	ug/l	99
28) Bromochloromethane	7.238	49	20817	51.006	ug/l	93
29) Tetrahydrofuran	7.250	42	25461	277.689	ug/l	90
30) Chloroform	7.409	83	52844	55.725	ug/l	99
31) Cyclohexane	7.689	56	38776	51.766	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	45931	53.584	ug/l	93
36) 1,1-Dichloropropene	7.823	75	36486	51.084	ug/l	98
37) Ethyl Acetate	6.970	43	18212	55.787	ug/l #	95
38) Carbon Tetrachloride	7.817	117	44013	53.745	ug/l	94
39) Methylcyclohexane	9.097	83	48591	50.542	ug/l	94
40) Benzene	8.073	78	116254	54.744	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	6709	45.823	ug/l #	83
42) 1,2-Dichloroethane	8.146	62	28490	53.890	ug/l	100
43) Isopropyl Acetate	8.189	43	35703	53.776	ug/l #	77
44) Trichloroethene	8.860	130	33009	54.531	ug/l	89
45) 1,2-Dichloropropane	9.134	63	26152	55.037	ug/l	99
46) Dibromomethane	9.225	93	17662	57.525	ug/l	99
47) Bromodichloromethane	9.420	83	40845	56.848	ug/l	97
48) Methyl methacrylate	9.219	41	15898	54.814	ug/l #	73
49) 1,4-Dioxane	9.213	88	3848	1060.820	ug/l #	99
51) 4-Methyl-2-Pentanone	9.993	43	98224	286.865	ug/l #	85
52) Toluene	10.170	92	79621	56.443	ug/l	94
53) t-1,3-Dichloropropene	10.396	75	34296	53.527	ug/l	94
54) cis-1,3-Dichloropropene	9.853	75	41063	53.953	ug/l #	81
55) 1,1,2-Trichloroethane	10.573	97	21023	55.757	ug/l	88
56) Ethyl methacrylate	10.438	69	26715	52.329	ug/l #	71
57) 1,3-Dichloropropane	10.719	76	35406	57.032	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.707	63	64687	245.779	ug/l	93
59) 2-Hexanone	10.762	43	72137	293.695	ug/l	83
60) Dibromochloromethane	10.914	129	29822	58.994	ug/l	97
61) 1,2-Dibromoethane	11.018	107	20505	56.322	ug/l	97
64) Tetrachloroethene	10.646	164	35261	57.882	ug/l	96
65) Chlorobenzene	11.444	112	88728	55.608	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	31765	56.917	ug/l	94
67) Ethyl Benzene	11.524	91	150211	54.375	ug/l	97
68) m/p-Xylenes	11.633	106	126793	111.932	ug/l	91
69) o-Xylene	11.957	106	58787	56.230	ug/l	91
70) Styrene	11.969	104	97504	56.622	ug/l	99
71) Bromoform	12.133	173	17306	59.631	ug/l #	97
73) Isopropylbenzene	12.255	105	143941	50.692	ug/l	97
74) N-amyl acetate	12.072	43	33482	51.098	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.511	83	24567	53.611	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	15639m	53.663	ug/l	
77) Bromobenzene	12.536	156	36590	55.314	ug/l	86
78) n-propylbenzene	12.597	91	171249	50.954	ug/l	97
79) 2-Chlorotoluene	12.682	91	88503	50.866	ug/l	91
80) 1,3,5-Trimethylbenzene	12.743	105	116531	52.368	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	7044	49.805	ug/l	89
82) 4-Chlorotoluene	12.780	91	91824	51.547	ug/l	91
83) tert-Butylbenzene	12.999	119	105280	50.089	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	115088	50.983	ug/l	95
85) sec-Butylbenzene	13.182	105	159992	52.551	ug/l	98
86) p-Isopropyltoluene	13.298	119	138939	52.703	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	75244	55.685	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	71623	54.351	ug/l	98
89) n-Butylbenzene	13.621	91	119411	51.604	ug/l	97
90) Hexachloroethane	13.883	117	26505	53.283	ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	60932	54.846	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3005	47.672	ug/l	89
93) 1,2,4-Trichlorobenzene	14.926	180	34720	56.756	ug/l	98
94) Hexachlorobutadiene	15.029	225	18751	55.890	ug/l	96
95) Naphthalene	15.145	128	60210	55.287	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	29863	56.874	ug/l	98

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

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

