

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY123024\
 Data File : VY020757.D
 Acq On : 30 Dec 2024 16:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/31/2024
 Supervised By :Semsettin Yesilyurt 12/31/2024

Quant Time: Dec 31 00:40:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	151376	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.616	114	233561	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	204550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	102950	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	81589	65.803	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.600%
35) Dibromofluoromethane	7.634	113	77896	60.549	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.100%
50) Toluene-d8	10.109	98	296389	57.661	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.320%
62) 4-Bromofluorobenzene	12.408	95	102840	60.151	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	120.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	50497	42.381	ug/l	95
3) Chloromethane	2.074	50	27229	61.276	ug/l	99
4) Vinyl Chloride	2.208	62	29840	54.199	ug/l	100
5) Bromomethane	2.598	94	22255	53.538	ug/l	96
6) Chloroethane	2.739	64	19027	57.608	ug/l	90
7) Trichlorofluoromethane	3.062	101	89070	42.069	ug/l	99
8) Diethyl Ether	3.458	74	31636	62.793	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.812	101	58525	50.351	ug/l	97
10) Methyl Iodide	4.007	142	70800	55.702	ug/l	90
11) Tert butyl alcohol	4.872	59	22691	296.765	ug/l #	82
12) 1,1-Dichloroethene	3.793	96	54627	52.801	ug/l	93
13) Acrolein	3.653	56	5961	229.981	ug/l	99
14) Allyl chloride	4.385	41	76623	63.289	ug/l #	84
15) Acrylonitrile	5.061	53	63898	328.308	ug/l	99
16) Acetone	3.873	43	43897	279.076	ug/l	91
17) Carbon Disulfide	4.110	76	142851	56.288	ug/l	97
18) Methyl Acetate	4.391	43	30817	72.389	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	162412	56.323	ug/l	96
20) Methylene Chloride	4.616	84	62176	60.777	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	62807	56.337	ug/l	97
22) Diisopropyl ether	6.025	45	167990	68.257	ug/l	90
23) Vinyl Acetate	5.964	43	488986	332.639	ug/l	99
24) 1,1-Dichloroethane	5.915	63	111489	60.421	ug/l	98
25) 2-Butanone	6.896	43	73342	345.172	ug/l	97
26) 2,2-Dichloropropane	6.890	77	92018	40.743	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	76692	57.443	ug/l	96
28) Bromochloromethane	7.250	49	41242	84.519	ug/l	90
29) Tetrahydrofuran	7.262	42	48115	368.913	ug/l	93
30) Chloroform	7.421	83	126473	53.282	ug/l	97
31) Cyclohexane	7.707	56	80574	50.588	ug/l	92
32) 1,1,1-Trichloroethane	7.622	97	119444	46.944	ug/l	99
36) 1,1-Dichloropropene	7.835	75	78953	46.460	ug/l	98
37) Ethyl Acetate	6.988	43	33663	60.114	ug/l	99
38) Carbon Tetrachloride	7.817	117	111926	39.997	ug/l	98
39) Methylcyclohexane	9.109	83	97499	44.762	ug/l	98
40) Benzene	8.079	78	257669	52.318	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	19247	68.042	ug/l	94
42) 1,2-Dichloroethane	8.158	62	75174	47.602	ug/l	97
43) Isopropyl Acetate	8.195	43	71104	59.738	ug/l	98
44) Trichloroethene	8.866	130	67933	46.181	ug/l	98
45) 1,2-Dichloropropane	9.140	63	57403	57.579	ug/l	100
46) Dibromomethane	9.231	93	35846	51.966	ug/l	98
47) Bromodichloromethane	9.426	83	95911	49.043	ug/l	96
48) Methyl methacrylate	9.219	41	31786	57.185	ug/l	95
49) 1,4-Dioxane	9.231	88	8044	1224.238	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	176930	307.968	ug/l	100
52) Toluene	10.170	92	168137	49.810	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	86646	50.445	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	97479	51.775	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	46655	52.986	ug/l	91
56) Ethyl methacrylate	10.438	69	64997	56.189	ug/l #	93
57) 1,3-Dichloropropane	10.719	76	78910	55.217	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	149269	370.050	ug/l	95
59) 2-Hexanone	10.762	43	117710	310.319	ug/l	100
60) Dibromochloromethane	10.914	129	70375	49.463	ug/l	98
61) 1,2-Dibromoethane	11.018	107	44316	53.488	ug/l	99
64) Tetrachloroethene	10.646	164	61620	44.093	ug/l	98
65) Chlorobenzene	11.444	112	191372	47.780	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	71894	46.332	ug/l	98
67) Ethyl Benzene	11.518	91	329150	47.020	ug/l	100
68) m/p-Xylenes	11.627	106	253728	95.018	ug/l	96
69) o-Xylene	11.956	106	121859	47.764	ug/l	98
70) Styrene	11.969	104	211623	49.412	ug/l	97
71) Bromoform	12.133	173	43315	48.553	ug/l #	98
73) Isopropylbenzene	12.255	105	324609	45.511	ug/l	100
74) N-amyl acetate	12.072	43	61619	60.793	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	52772	57.714	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	41743m	63.752	ug/l	
77) Bromobenzene	12.536	156	79497	48.418	ug/l	96
78) n-propylbenzene	12.597	91	370970	46.405	ug/l	98
79) 2-Chlorotoluene	12.682	91	217162	47.652	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	272006	45.773	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	17156	51.790	ug/l	92
82) 4-Chlorotoluene	12.779	91	230648	48.972	ug/l	97
83) tert-Butylbenzene	12.999	119	245714	44.276	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	270220	46.728	ug/l	98
85) sec-Butylbenzene	13.176	105	339533	45.396	ug/l	100
86) p-Isopropyltoluene	13.292	119	298454	44.776	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	151468	47.201	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	152006	47.618	ug/l	98
89) n-Butylbenzene	13.621	91	253159	45.499	ug/l	98
90) Hexachloroethane	13.883	117	56801	44.814	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	136044	49.444	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	9014	50.828	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	84065	48.068	ug/l	99
94) Hexachlorobutadiene	15.029	225	52933	41.529	ug/l	99
95) Naphthalene	15.151	128	143924	51.382	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	72419	49.733	ug/l	99

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

