

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121124\
 Data File : VY020580.D
 Acq On : 11 Dec 2024 11:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 11 22:09:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 12/12/2024
 Supervised By :Mahesh Dadoda 12/12/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	173439	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	271433	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	228457	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	115564	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	91920	52.112	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.220%
35) Dibromofluoromethane	7.628	113	91704	53.666	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.340%
50) Toluene-d8	10.103	98	337209	51.824	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.640%
62) 4-Bromofluorobenzene	12.401	95	119407	52.470	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	104.940%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.867	85	73775	43.607	ug/l 100
3) Chloromethane	2.068	50	81959	47.847	ug/l 97
4) Vinyl Chloride	2.202	62	83230	47.656	ug/l 98
5) Bromomethane	2.592	94	48410	47.242	ug/l 99
6) Chloroethane	2.732	64	50542	47.216	ug/l 98
7) Trichlorofluoromethane	3.056	101	138845	42.447	ug/l 98
8) Diethyl Ether	3.452	74	42050	45.371	ug/l 95
9) 1,1,2-Trichlorotrifluo...	3.812	101	85774	45.004	ug/l 99
10) Methyl Iodide	4.001	142	95109	44.452	ug/l 99
11) Tert butyl alcohol	4.854	59	30567	267.140	ug/l 98
12) 1,1-Dichloroethene	3.787	96	79843	44.347	ug/l 98
13) Acrolein	3.647	56	19272	179.893	ug/l 96
14) Allyl chloride	4.385	41	148396	46.213	ug/l 94
15) Acrylonitrile	5.055	53	94653	245.115	ug/l 99
16) Acetone	3.866	43	112948	257.524	ug/l 95
17) Carbon Disulfide	4.104	76	231109	44.850	ug/l 98
18) Methyl Acetate	4.385	43	47444	50.895	ug/l 99
19) Methyl tert-butyl Ether	5.110	73	210197	45.716	ug/l 99
20) Methylene Chloride	4.616	84	86982	46.621	ug/l 98
21) trans-1,2-Dichloroethene	5.110	96	89430	44.721	ug/l 96
22) Diisopropyl ether	6.018	45	302576	47.386	ug/l 99
23) Vinyl Acetate	5.957	43	822159	243.428	ug/l 99
24) 1,1-Dichloroethane	5.915	63	174267	45.332	ug/l 98
25) 2-Butanone	6.890	43	141004	254.599	ug/l 99
26) 2,2-Dichloropropane	6.884	77	157672	43.364	ug/l 99
27) cis-1,2-Dichloroethene	6.890	96	105229	45.065	ug/l 98
28) Bromochloromethane	7.238	49	78940	54.989	ug/l 98
29) Tetrahydrofuran	7.256	42	78368	248.038	ug/l 98
30) Chloroform	7.421	83	175889	44.581	ug/l 98
31) Cyclohexane	7.701	56	147460	42.430	ug/l 98
32) 1,1,1-Trichloroethane	7.616	97	162203	42.696	ug/l 97
36) 1,1-Dichloropropene	7.835	75	126526	43.846	ug/l 99
37) Ethyl Acetate	6.982	43	56090	49.063	ug/l 98
38) Carbon Tetrachloride	7.817	117	146860	42.642	ug/l 99
39) Methylcyclohexane	9.103	83	158897	44.375	ug/l 98
40) Benzene	8.079	78	376214	44.218	ug/l 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	31035	47.753	ug/l	99
42) 1,2-Dichloroethane	8.158	62	100987	45.172	ug/l	100
43) Isopropyl Acetate	8.195	43	110913	48.045	ug/l #	88
44) Trichloroethene	8.859	130	93447	44.553	ug/l	95
45) 1,2-Dichloropropane	9.140	63	89370	44.888	ug/l	97
46) Dibromomethane	9.225	93	45966	46.630	ug/l	97
47) Bromodichloromethane	9.420	83	129973	44.752	ug/l	98
48) Methyl methacrylate	9.219	41	52663	48.921	ug/l	97
49) 1,4-Dioxane	9.225	88	10274	1090.364	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	286911	251.664	ug/l	99
52) Toluene	10.170	92	235271	44.321	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	118975	45.629	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	142923	46.380	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	61280	46.602	ug/l	97
56) Ethyl methacrylate	10.438	69	88950	47.807	ug/l	96
57) 1,3-Dichloropropane	10.713	76	109118	46.340	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	219742	252.242	ug/l	98
59) 2-Hexanone	10.755	43	204185	248.265	ug/l	97
60) Dibromochloromethane	10.908	129	83313	45.507	ug/l	98
61) 1,2-Dibromoethane	11.011	107	55861	46.453	ug/l	99
64) Tetrachloroethene	10.646	164	82742	42.863	ug/l	95
65) Chlorobenzene	11.438	112	249310	43.537	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	88150	43.406	ug/l	99
67) Ethyl Benzene	11.517	91	468740	43.670	ug/l	100
68) m/p-Xylenes	11.627	106	344788	87.724	ug/l	99
69) o-Xylene	11.950	106	162570	44.151	ug/l	100
70) Styrene	11.969	104	274231	44.640	ug/l	100
71) Bromoform	12.133	173	46587	45.119	ug/l #	97
73) Isopropylbenzene	12.255	105	445224	39.818	ug/l	99
74) N-amyl acetate	12.066	43	97631	44.549	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	68634	42.683	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	49091m	41.700	ug/l	
77) Bromobenzene	12.529	156	94175	40.671	ug/l	98
78) n-propylbenzene	12.597	91	536350	40.514	ug/l	99
79) 2-Chlorotoluene	12.676	91	298681	39.983	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	361128	40.302	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	23671	41.257	ug/l	98
82) 4-Chlorotoluene	12.779	91	308040	40.408	ug/l	98
83) tert-Butylbenzene	12.999	119	330144	40.753	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	357791	41.082	ug/l	99
85) sec-Butylbenzene	13.176	105	475740	40.977	ug/l	100
86) p-Isopropyltoluene	13.292	119	397353	41.416	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	186963	41.867	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	183809	42.044	ug/l	100
89) n-Butylbenzene	13.615	91	375238	42.170	ug/l	99
90) Hexachloroethane	13.883	117	77374	41.382	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	161730	42.706	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10492	43.101	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	97902	45.974	ug/l	98
94) Hexachlorobutadiene	15.023	225	64008	42.966	ug/l	99
95) Naphthalene	15.145	128	156577	45.437	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	79141	46.058	ug/l	100

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

