

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120224\
 Data File : VY020491.D
 Acq On : 02 Dec 2024 17:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024

Quant Time: Dec 02 21:59:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 02 14:47:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	165829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	262421	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.426	117	221703	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.353	152	106547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	85783	50.864	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.720%	
35) Dibromofluoromethane	7.646	113	80619	48.799	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.600%	
50) Toluene-d8	10.115	98	309345	49.174	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.340%	
62) 4-Bromofluorobenzene	12.414	95	107741	48.969	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.940%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	81618	50.457	ug/l	99
3) Chloromethane	2.074	50	78538	47.954	ug/l	97
4) Vinyl Chloride	2.214	62	81620	48.878	ug/l	96
5) Bromomethane	2.611	94	48211	49.206	ug/l	99
6) Chloroethane	2.751	64	51691	50.506	ug/l	95
7) Trichlorofluoromethane	3.074	101	149381	47.764	ug/l	99
8) Diethyl Ether	3.464	74	43724	49.343	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.830	101	84626	46.440	ug/l	97
10) Methyl Iodide	4.019	142	102487	50.099	ug/l	95
11) Tert butyl alcohol	4.903	59	26684	243.907	ug/l #	87
12) 1,1-Dichloroethene	3.805	96	84004	48.799	ug/l	94
13) Acrolein	3.665	56	22847	223.050	ug/l	100
14) Allyl chloride	4.397	41	148222	48.277	ug/l	96
15) Acrylonitrile	5.080	53	93434	253.062	ug/l	99
16) Acetone	3.885	43	102170	243.640	ug/l	97
17) Carbon Disulfide	4.122	76	255731	51.905	ug/l	99
18) Methyl Acetate	4.397	43	49247	55.254	ug/l	100
19) Methyl tert-butyl Ether	5.134	73	217731	49.527	ug/l	98
20) Methylene Chloride	4.628	84	87262	48.917	ug/l	96
21) trans-1,2-Dichloroethene	5.134	96	92116	48.178	ug/l	98
22) Diisopropyl ether	6.031	45	295518	48.404	ug/l	96
23) Vinyl Acetate	5.976	43	796139	246.541	ug/l	98
24) 1,1-Dichloroethane	5.933	63	174828	47.565	ug/l	99
25) 2-Butanone	6.909	43	132536	250.291	ug/l	95
26) 2,2-Dichloropropane	6.902	77	158106	45.479	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	107582	48.187	ug/l	98
28) Bromochloromethane	7.262	49	67075	48.868	ug/l	93
29) Tetrahydrofuran	7.274	42	76837	254.353	ug/l	98
30) Chloroform	7.433	83	177545	47.066	ug/l	96
31) Cyclohexane	7.713	56	154827	46.594	ug/l	98
32) 1,1,1-Trichloroethane	7.634	97	167899	46.223	ug/l	98
36) 1,1-Dichloropropene	7.847	75	129528	46.428	ug/l	99
37) Ethyl Acetate	6.994	43	53736	48.618	ug/l	97
38) Carbon Tetrachloride	7.829	117	154024	46.258	ug/l	98
39) Methylcyclohexane	9.115	83	164261	47.448	ug/l	97
40) Benzene	8.091	78	386394	46.974	ug/l	100

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41) Methacrylonitrile	7.238	41	27617	43.954	ug/l #	87
42) 1,2-Dichloroethane	8.164	62	103431	47.854	ug/l	100
43) Isopropyl Acetate	8.207	43	110919	49.698	ug/l #	88
44) Trichloroethene	8.878	130	96351	47.515	ug/l	95
45) 1,2-Dichloropropane	9.152	63	88111	45.775	ug/l	98
46) Dibromomethane	9.243	93	46425	48.713	ug/l	98
47) Bromodichloromethane	9.432	83	132387	47.148	ug/l	97
48) Methyl methacrylate	9.231	41	53090	51.011	ug/l	97
49) 1,4-Dioxane	9.243	88	9484	1041.088	ug/l #	96
51) 4-Methyl-2-Pentanone	10.006	43	275435	249.895	ug/l	97
52) Toluene	10.182	92	241735	47.103	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	121772	48.305	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	142654	47.883	ug/l	95
55) 1,1,2-Trichloroethane	10.579	97	60948	47.941	ug/l	97
56) Ethyl methacrylate	10.445	69	91300	50.755	ug/l	93
57) 1,3-Dichloropropane	10.725	76	109626	48.154	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	211510	251.130	ug/l	97
59) 2-Hexanone	10.768	43	199488	250.884	ug/l	97
60) Dibromochloromethane	10.920	129	84807	47.914	ug/l	100
61) 1,2-Dibromoethane	11.024	107	55616	47.838	ug/l	100
64) Tetrachloroethene	10.658	164	85811	45.807	ug/l	94
65) Chlorobenzene	11.450	112	250913	45.152	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	88696	45.005	ug/l	97
67) Ethyl Benzene	11.524	91	470370	45.157	ug/l	100
68) m/p-Xylenes	11.633	106	347152	91.016	ug/l	99
69) o-Xylene	11.963	106	161876	45.302	ug/l	98
70) Styrene	11.975	104	271828	45.597	ug/l	99
71) Bromoform	12.139	173	47291	47.197	ug/l #	99
73) Isopropylbenzene	12.261	105	448228	43.479	ug/l	100
74) N-amyl acetate	12.078	43	93030	46.042	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	66197	44.652	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	42401m	39.066	ug/l	
77) Bromobenzene	12.542	156	91863	43.030	ug/l	98
78) n-propylbenzene	12.603	91	526560	43.141	ug/l	98
79) 2-Chlorotoluene	12.688	91	292787	42.511	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	357594	43.285	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	23819	45.029	ug/l	95
82) 4-Chlorotoluene	12.786	91	295465	42.039	ug/l	99
83) tert-Butylbenzene	13.005	119	319962	42.838	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	348688	43.425	ug/l	99
85) sec-Butylbenzene	13.182	105	455811	42.583	ug/l	99
86) p-Isopropyltoluene	13.298	119	380314	42.995	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	177374	43.081	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	174281	43.239	ug/l	99
89) n-Butylbenzene	13.627	91	349763	42.634	ug/l	99
90) Hexachloroethane	13.889	117	72131	41.843	ug/l	95
91) 1,2-Dichlorobenzene	13.670	146	150912	43.222	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	9938	44.280	ug/l	99
93) 1,2,4-Trichlorobenzene	14.932	180	83243	42.399	ug/l	99
94) Hexachlorobutadiene	15.035	225	54138	39.416	ug/l	99
95) Naphthalene	15.157	128	145432	45.775	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	68961	43.530	ug/l	98

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

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