

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020373.D
 Acq On : 21 Nov 2024 09:25
 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: Nov 21 13:55:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	191018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	313957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	263957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	121826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	114241	52.056	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.120%			
35) Dibromofluoromethane	7.640	113	99082	49.217	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.440%			
50) Toluene-d8	10.109	98	389849	49.159	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.320%			
62) 4-Bromofluorobenzene	12.408	95	130147	51.051	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 102.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	105756	57.038	ug/l	99
3) Chloromethane	2.074	50	110402	44.989	ug/l	98
4) Vinyl Chloride	2.214	62	108241	42.554	ug/l	99
5) Bromomethane	2.604	94	58141	45.767	ug/l	100
6) Chloroethane	2.745	64	64064	43.174	ug/l	99
7) Trichlorofluoromethane	3.068	101	183733	51.979	ug/l	99
8) Diethyl Ether	3.464	74	55454	49.722	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	101743	48.332	ug/l	100
10) Methyl Iodide	4.019	142	134068	47.547	ug/l	94
11) Tert butyl alcohol	4.872	59	36712	226.965	ug/l	99
12) 1,1-Dichloroethene	3.799	96	101210	48.571	ug/l	91
13) Acrolein	3.665	56	41887	308.240	ug/l	97
14) Allyl chloride	4.391	41	194056	48.159	ug/l	94
15) Acrylonitrile	5.067	53	127193	257.993	ug/l	100
16) Acetone	3.879	43	156029	296.575	ug/l	93
17) Carbon Disulfide	4.116	76	334637	47.667	ug/l	100
18) Methyl Acetate	4.397	43	62427	50.904	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	276461	51.073	ug/l	100
20) Methylene Chloride	4.628	84	108400	48.655	ug/l	97
21) trans-1,2-Dichloroethene	5.128	96	111034	47.976	ug/l	95
22) Diisopropyl ether	6.025	45	379634	47.808	ug/l	98
23) Vinyl Acetate	5.970	43	1113464	250.913	ug/l	98
24) 1,1-Dichloroethane	5.927	63	215234	48.013	ug/l	99
25) 2-Butanone	6.902	43	194697	287.460	ug/l	98
26) 2,2-Dichloropropane	6.890	77	191447	51.670	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	127322	49.947	ug/l	98
28) Bromochloromethane	7.250	49	88109	46.699	ug/l	100
29) Tetrahydrofuran	7.268	42	109090	269.487	ug/l	98
30) Chloroform	7.427	83	210274	48.574	ug/l	99
31) Cyclohexane	7.707	56	194230	47.477	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	199027	52.361	ug/l	98
36) 1,1-Dichloropropene	7.841	75	159083	51.736	ug/l	99
37) Ethyl Acetate	6.988	43	78302	55.589	ug/l	99
38) Carbon Tetrachloride	7.823	117	181264	56.460	ug/l	97
39) Methylcyclohexane	9.115	83	198413	51.560	ug/l	96
40) Benzene	8.085	78	464288	51.524	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	45520	56.796	ug/l	96
42) 1,2-Dichloroethane	8.164	62	132760	54.582	ug/l	98
43) Isopropyl Acetate	8.201	43	152400	55.636	ug/l #	90
44) Trichloroethene	8.872	130	109148	51.123	ug/l	100
45) 1,2-Dichloropropane	9.146	63	109335	50.856	ug/l	99
46) Dibromomethane	9.237	93	58050	52.680	ug/l	99
47) Bromodichloromethane	9.426	83	159849	52.549	ug/l	98
48) Methyl methacrylate	9.225	41	72620	55.450	ug/l	96
49) 1,4-Dioxane	9.237	88	11733	1034.957	ug/l #	88
51) 4-Methyl-2-Pentanone	9.999	43	382611	275.235	ug/l	99
52) Toluene	10.176	92	284192	51.599	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	150684	52.384	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	175444	53.280	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	73941	50.551	ug/l	98
56) Ethyl methacrylate	10.444	69	117267	53.384	ug/l	99
57) 1,3-Dichloropropane	10.719	76	138386	52.644	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	287613	276.129	ug/l	98
59) 2-Hexanone	10.762	43	289969	294.578	ug/l	99
60) Dibromochloromethane	10.914	129	100432	53.270	ug/l	98
61) 1,2-Dibromoethane	11.018	107	69299	51.128	ug/l	100
64) Tetrachloroethene	10.652	164	95629	50.259	ug/l	97
65) Chlorobenzene	11.444	112	292282	49.663	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	101973	51.867	ug/l	98
67) Ethyl Benzene	11.524	91	554988	51.115	ug/l	100
68) m/p-Xylenes	11.633	106	402780	102.989	ug/l	97
69) o-Xylene	11.956	106	190779	51.431	ug/l	97
70) Styrene	11.975	104	324962	52.727	ug/l	98
71) Bromoform	12.139	173	56258	54.905	ug/l #	98
73) Isopropylbenzene	12.261	105	517205	50.117	ug/l	100
74) N-amyl acetate	12.072	43	134142	53.787	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	85136	51.044	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	63029m	54.892	ug/l	
77) Bromobenzene	12.536	156	108458	50.161	ug/l	97
78) n-propylbenzene	12.603	91	622006	50.221	ug/l	100
79) 2-Chlorotoluene	12.682	91	352846	49.548	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	423200	50.741	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	31947	54.517	ug/l	97
82) 4-Chlorotoluene	12.786	91	360361	49.033	ug/l	98
83) tert-Butylbenzene	13.005	119	377510	51.291	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	413969	50.063	ug/l	98
85) sec-Butylbenzene	13.182	105	539489	46.494	ug/l	99
86) p-Isopropyltoluene	13.298	119	447545	49.885	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	213276	48.784	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	207020	49.561	ug/l	99
89) n-Butylbenzene	13.627	91	426701	49.666	ug/l	100
90) Hexachloroethane	13.889	117	85124	49.160	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	184340	50.608	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	13654	49.889	ug/l	95
93) 1,2,4-Trichlorobenzene	14.931	180	112273	50.977	ug/l	99
94) Hexachlorobutadiene	15.029	225	69051	51.363	ug/l	99
95) Naphthalene	15.151	128	205233	54.108	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	93604	49.707	ug/l	99

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

