

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121224\
 Data File : VY020596.D
 Acq On : 12 Dec 2024 17:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 12/13/2024
 Supervised By :Mahesh Dadoda 12/13/2024

Quant Time: Dec 13 05:43:05 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

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	180646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	303755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	264792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	130748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	99202	53.996	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.000%			
35) Dibromofluoromethane	7.640	113	98123	51.312	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.620%			
50) Toluene-d8	10.109	98	349293	47.969	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.940%			
62) 4-Bromofluorobenzene	12.407	95	128201	50.340	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 100.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	86436	49.053	ug/l	100
3) Chloromethane	2.074	50	106468	59.675	ug/l	98
4) Vinyl Chloride	2.214	62	108870	59.850	ug/l	98
5) Bromomethane	2.604	94	65244	61.129	ug/l	95
6) Chloroethane	2.744	64	68874	61.775	ug/l	97
7) Trichlorofluoromethane	3.068	101	175359	51.471	ug/l	100
8) Diethyl Ether	3.464	74	63567	65.852	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.824	101	107476	54.141	ug/l	98
10) Methyl Iodide	4.019	142	133341	59.835	ug/l	99
11) Tert butyl alcohol	4.878	59	40542	340.181	ug/l	100
12) 1,1-Dichloroethene	3.799	96	105798	56.418	ug/l	92
13) Acrolein	3.659	56	22886	205.104	ug/l	98
14) Allyl chloride	4.397	41	193143	57.749	ug/l	94
15) Acrylonitrile	5.073	53	140240	348.680	ug/l	99
16) Acetone	3.885	43	113791	249.096	ug/l	98
17) Carbon Disulfide	4.116	76	300550	55.999	ug/l	99
18) Methyl Acetate	4.397	43	74391	76.618	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	315857	65.955	ug/l	99
20) Methylene Chloride	4.628	84	122532	63.055	ug/l	97
21) trans-1,2-Dichloroethene	5.128	96	119399	57.325	ug/l	94
22) Diisopropyl ether	6.030	45	429416	64.567	ug/l	98
23) Vinyl Acetate	5.970	43	1060838	301.565	ug/l	99
24) 1,1-Dichloroethane	5.927	63	241707	60.367	ug/l	100
25) 2-Butanone	6.902	43	176734	306.383	ug/l	98
26) 2,2-Dichloropropane	6.896	77	151981	40.131	ug/l	97
27) cis-1,2-Dichloroethene	6.902	96	147858	60.795	ug/l	94
28) Bromochloromethane	7.256	49	84407	56.451	ug/l	95
29) Tetrahydrofuran	7.268	42	115781	351.832	ug/l	99
30) Chloroform	7.427	83	246679	60.029	ug/l	97
31) Cyclohexane	7.707	56	184529	50.978	ug/l	99
32) 1,1,1-Trichloroethane	7.628	97	210748	53.261	ug/l	97
36) 1,1-Dichloropropene	7.847	75	162919	50.450	ug/l	100
37) Ethyl Acetate	6.994	43	80165	62.660	ug/l	98
38) Carbon Tetrachloride	7.823	117	184338	47.828	ug/l	99
39) Methylcyclohexane	9.115	83	199024	49.667	ug/l	98
40) Benzene	8.085	78	518520	54.459	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	46811	64.364	ug/l	96
42) 1,2-Dichloroethane	8.164	62	144618	57.805	ug/l	100
43) Isopropyl Acetate	8.201	43	167251	64.740	ug/l	98
44) Trichloroethene	8.871	130	128288	54.656	ug/l	97
45) 1,2-Dichloropropane	9.146	63	128718	57.772	ug/l	98
46) Dibromomethane	9.237	93	67204	60.920	ug/l	97
47) Bromodichloromethane	9.426	83	186989	57.532	ug/l	99
48) Methyl methacrylate	9.225	41	74555	61.888	ug/l	94
49) 1,4-Dioxane	9.237	88	14863	1409.540	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	413929	324.443	ug/l	99
52) Toluene	10.176	92	321925	54.192	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	160589	55.035	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	191091	55.413	ug/l	94
55) 1,1,2-Trichloroethane	10.578	97	88936	60.436	ug/l	99
56) Ethyl methacrylate	10.444	69	134869	64.773	ug/l	94
57) 1,3-Dichloropropane	10.725	76	160742	61.000	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	291858	299.375	ug/l	98
59) 2-Hexanone	10.761	43	276882	300.833	ug/l	96
60) Dibromochloromethane	10.914	129	123359	60.211	ug/l	99
61) 1,2-Dibromoethane	11.017	107	82930	61.625	ug/l	98
64) Tetrachloroethene	10.652	164	157584	70.431	ug/l	97
65) Chlorobenzene	11.444	112	349478	52.655	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	126963	53.939	ug/l	99
67) Ethyl Benzene	11.523	91	628187	50.494	ug/l	99
68) m/p-Xylenes	11.633	106	460730	101.138	ug/l	100
69) o-Xylene	11.956	106	225613	52.865	ug/l	99
70) Styrene	11.975	104	383883	53.915	ug/l	100
71) Bromoform	12.139	173	71049	59.369	ug/l #	100
73) Isopropylbenzene	12.261	105	585277	46.265	ug/l	99
74) N-amyl acetate	12.072	43	153875	62.059	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	99332	54.600	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	58969m	44.274	ug/l	
77) Bromobenzene	12.535	156	134074	51.177	ug/l	97
78) n-propylbenzene	12.596	91	701067	46.807	ug/l	99
79) 2-Chlorotoluene	12.682	91	413288	48.900	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	482039	47.549	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	30487	46.966	ug/l	93
82) 4-Chlorotoluene	12.779	91	418133	48.481	ug/l	99
83) tert-Butylbenzene	12.999	119	436559	47.630	ug/l	99
84) 1,2,4-Trimethylbenzene	13.047	105	482272	48.944	ug/l	99
85) sec-Butylbenzene	13.182	105	617856	47.037	ug/l	100
86) p-Isopropyltoluene	13.297	119	519530	47.862	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	260120	51.484	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	253565	51.265	ug/l	100
89) n-Butylbenzene	13.621	91	483704	48.047	ug/l	98
90) Hexachloroethane	13.883	117	106773	50.474	ug/l	96
91) 1,2-Dichlorobenzene	13.663	146	230327	53.756	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	16454	59.743	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	141570	58.760	ug/l	99
94) Hexachlorobutadiene	15.029	225	89459	53.076	ug/l	99
95) Naphthalene	15.151	128	264003	67.715	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	122662	63.096	ug/l	99

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

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