

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019043.D
 Acq On : 13 Aug 2024 20:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 14 01:43:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	49257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	72909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	67674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	35971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	22215	51.367	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.740%			
35) Dibromofluoromethane	7.622	113	24788	53.232	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.460%			
50) Toluene-d8	10.103	98	90914	50.829	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.660%			
62) 4-Bromofluorobenzene	12.407	95	26658	50.237	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	14303	42.245	ug/l	98
3) Chloromethane	2.068	50	39562	49.333	ug/l	99
4) Vinyl Chloride	2.202	62	54612	48.133	ug/l	98
5) Bromomethane	2.586	94	45358	50.105	ug/l	99
6) Chloroethane	2.726	64	37400	49.019	ug/l	97
7) Trichlorofluoromethane	3.043	101	76812	50.795	ug/l	94
8) Diethyl Ether	3.446	74	10519	45.126	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.805	101	21243	44.966	ug/l	92
10) Methyl Iodide	3.994	142	24059	47.162	ug/l	96
11) Tert butyl alcohol	4.836	59	7038	171.301	ug/l #	79
12) 1,1-Dichloroethene	3.775	96	20415	45.741	ug/l	95
13) Acrolein	3.641	56	7886	172.066	ug/l	96
14) Allyl chloride	4.366	41	26190	43.875	ug/l #	81
15) Acrylonitrile	5.037	53	22364	244.726	ug/l	97
16) Acetone	3.848	43	18225	172.930	ug/l #	79
17) Carbon Disulfide	4.098	76	56883	42.874	ug/l	98
18) Methyl Acetate	4.372	43	12285	51.109	ug/l	94
19) Methyl tert-butyl Ether	5.104	73	48330	44.025	ug/l	96
20) Methylene Chloride	4.604	84	24250	48.524	ug/l	88
21) trans-1,2-Dichloroethene	5.104	96	24966	50.556	ug/l	92
22) Diisopropyl ether	6.006	45	62855	48.303	ug/l #	81
23) Vinyl Acetate	5.945	43	270674	241.021	ug/l	99
24) 1,1-Dichloroethane	5.903	63	38285	47.958	ug/l	98
25) 2-Butanone	6.878	43	30445	217.423	ug/l	96
26) 2,2-Dichloropropane	6.866	77	29587	39.378	ug/l	96
27) cis-1,2-Dichloroethene	6.878	96	28147	47.638	ug/l	99
28) Bromochloromethane	7.232	49	19656	53.482	ug/l	97
29) Tetrahydrofuran	7.244	42	20285	245.680	ug/l	91
30) Chloroform	7.408	83	42933	50.276	ug/l	96
31) Cyclohexane	7.695	56	31226	45.860	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	37655	48.782	ug/l	95
36) 1,1-Dichloropropene	7.823	75	30495	48.786	ug/l	97
37) Ethyl Acetate	6.969	43	14740	51.591	ug/l	96
38) Carbon Tetrachloride	7.805	117	35630	49.714	ug/l	98
39) Methylcyclohexane	9.103	83	38731	46.032	ug/l	97
40) Benzene	8.067	78	94357	50.770	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	6173	48.257	ug/l #	71
42) 1,2-Dichloroethane	8.146	62	23941	51.745	ug/l	99
43) Isopropyl Acetate	8.189	43	28928	49.786	ug/l #	74
44) Trichloroethene	8.853	130	26083	49.235	ug/l	99
45) 1,2-Dichloropropane	9.134	63	20344	48.920	ug/l	99
46) Dibromomethane	9.219	93	15156	56.404	ug/l	96
47) Bromodichloromethane	9.414	83	33847	53.828	ug/l	91
48) Methyl methacrylate	9.213	41	12732	50.159	ug/l #	76
49) 1,4-Dioxane	9.213	88	3242	1021.234	ug/l #	91
51) 4-Methyl-2-Pentanone	9.993	43	78074	260.538	ug/l #	86
52) Toluene	10.164	92	62896	50.946	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	26538	47.326	ug/l	94
54) cis-1,3-Dichloropropene	9.853	75	32318	48.519	ug/l #	81
55) 1,1,2-Trichloroethane	10.566	97	17319	52.484	ug/l	95
56) Ethyl methacrylate	10.438	69	22403	50.142	ug/l #	73
57) 1,3-Dichloropropane	10.713	76	28516	52.485	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	59866	259.905	ug/l	94
59) 2-Hexanone	10.755	43	51488	239.524	ug/l	85
60) Dibromochloromethane	10.908	129	23929	54.088	ug/l	99
61) 1,2-Dibromoethane	11.011	107	16161	50.721	ug/l	99
64) Tetrachloroethene	10.640	164	30223	53.275	ug/l	89
65) Chlorobenzene	11.444	112	73184	49.253	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	25578	49.215	ug/l	94
67) Ethyl Benzene	11.517	91	120590	46.876	ug/l #	86
68) m/p-Xylenes	11.627	106	101225	95.959	ug/l	94
69) o-Xylene	11.956	106	46328	47.585	ug/l	97
70) Styrene	11.969	104	81562	50.862	ug/l	95
71) Bromoform	12.133	173	13816	51.120	ug/l #	98
73) Isopropylbenzene	12.255	105	118374	45.336	ug/l	98
74) N-amyl acetate	12.072	43	27609	45.823	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.505	83	19260	45.708	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	13290m	49.594	ug/l	
77) Bromobenzene	12.536	156	30012	49.341	ug/l	86
78) n-propylbenzene	12.596	91	136872	44.290	ug/l	97
79) 2-Chlorotoluene	12.682	91	71026	44.394	ug/l	91
80) 1,3,5-Trimethylbenzene	12.737	105	91272	44.606	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	5397	41.500	ug/l	87
82) 4-Chlorotoluene	12.779	91	75436	46.054	ug/l	93
83) tert-Butylbenzene	12.999	119	89154	46.129	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	95207	45.867	ug/l	95
85) sec-Butylbenzene	13.176	105	122322	43.694	ug/l	94
86) p-Isopropyltoluene	13.291	119	109073	44.995	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	60174	48.430	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	58012	47.875	ug/l	98
89) n-Butylbenzene	13.615	91	95949	45.094	ug/l	97
90) Hexachloroethane	13.877	117	21632	47.293	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	52029	50.931	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2450	42.269	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	29017	51.585	ug/l	98
94) Hexachlorobutadiene	15.023	225	14992	48.597	ug/l	96
95) Naphthalene	15.145	128	47176	47.110	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	25066	51.916	ug/l	96

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

