

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071824\
 Data File : VY018871.D
 Acq On : 18 Jul 2024 17:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 19 01:43:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/19/2024
 Supervised By :Mahesh Dadoda 07/19/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	43357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	72668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	65401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	33145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	22999	53.907	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.820%			
35) Dibromofluoromethane	7.710	113	21929	48.181	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.360%			
50) Toluene-d8	10.173	98	77065	44.693	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 89.380%			
62) 4-Bromofluorobenzene	12.477	95	28161	47.823	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	14122	38.871	ug/l	96
3) Chloromethane	2.101	50	23693	42.916	ug/l	99
4) Vinyl Chloride	2.241	62	28152	43.591	ug/l	96
5) Bromomethane	2.637	94	23487	52.871	ug/l	97
6) Chloroethane	2.778	64	20026	47.729	ug/l #	88
7) Trichlorofluoromethane	3.107	101	35222	41.736	ug/l	99
8) Diethyl Ether	3.509	74	11446	55.647	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.875	101	17828	41.174	ug/l	93
10) Methyl Iodide	4.076	142	24464	52.468	ug/l	96
11) Tert butyl alcohol	4.942	59	10048	232.490	ug/l #	89
12) 1,1-Dichloroethene	3.857	96	18308	43.707	ug/l	93
13) Acrolein	3.710	56	7354	212.380	ug/l	93
14) Allyl chloride	4.460	41	25847	49.807	ug/l	90
15) Acrylonitrile	5.143	53	27349	337.039	ug/l	99
16) Acetone	3.930	43	26007	330.640	ug/l #	87
17) Carbon Disulfide	4.180	76	51127	43.590	ug/l	99
18) Methyl Acetate	4.460	43	14877	65.094	ug/l	94
19) Methyl tert-butyl Ether	5.204	73	56423	58.065	ug/l #	90
20) Methylene Chloride	4.704	84	29358	67.659	ug/l	97
21) trans-1,2-Dichloroethene	5.198	96	21855	49.434	ug/l	96
22) Diisopropyl ether	6.100	45	59588	52.788	ug/l #	84
23) Vinyl Acetate	6.045	43	262142	294.766	ug/l	94
24) 1,1-Dichloroethane	5.997	63	36570	50.740	ug/l	98
25) 2-Butanone	6.966	43	36836	334.099	ug/l	90
26) 2,2-Dichloropropane	6.972	77	29975	44.824	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	26418	51.325	ug/l	99
28) Bromochloromethane	7.319	49	16558	57.200	ug/l	97
29) Tetrahydrofuran	7.338	42	22980	339.977	ug/l	95
30) Chloroform	7.490	83	42587	53.019	ug/l	94
31) Cyclohexane	7.771	56	25151	38.372	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	35443	47.451	ug/l	96
36) 1,1-Dichloropropene	7.911	75	26616	42.375	ug/l	98
37) Ethyl Acetate	7.063	43	16115	61.725	ug/l	97
38) Carbon Tetrachloride	7.893	117	32460	42.908	ug/l	99
39) Methylcyclohexane	9.179	83	30454	37.835	ug/l	97
40) Benzene	8.149	78	85979	47.188	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	7505m	50.421	ug/l	
42) 1,2-Dichloroethane	8.228	62	27483	53.873	ug/l	98
43) Isopropyl Acetate	8.264	43	30242	58.214	ug/l	92
44) Trichloroethene	8.935	130	25288	48.553	ug/l	88
45) 1,2-Dichloropropane	9.209	63	19707	49.668	ug/l	89
46) Dibromomethane	9.301	93	13602	52.888	ug/l	96
47) Bromodichloromethane	9.490	83	32797	51.047	ug/l	96
48) Methyl methacrylate	9.289	41	12892	54.598	ug/l #	86
49) 1,4-Dioxane	9.289	88	4259	1412.710	ug/l #	97
51) 4-Methyl-2-Pentanone	10.063	43	79182	298.538	ug/l	96
52) Toluene	10.240	92	57099	47.149	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	27342	49.289	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	32110	49.341	ug/l #	87
55) 1,1,2-Trichloroethane	10.636	97	17960	55.147	ug/l	97
56) Ethyl methacrylate	10.508	69	23602	55.046	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	28752	53.257	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	56531	275.967	ug/l	95
59) 2-Hexanone	10.825	43	56567	304.852	ug/l	90
60) Dibromochloromethane	10.977	129	24741	55.290	ug/l	98
61) 1,2-Dibromoethane	11.087	107	18097	57.158	ug/l	97
64) Tetrachloroethene	10.715	164	24094	45.514	ug/l	97
65) Chlorobenzene	11.514	112	66107	47.916	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	24079	50.656	ug/l	96
67) Ethyl Benzene	11.587	91	106807	44.192	ug/l	98
68) m/p-Xylenes	11.697	106	86880	91.604	ug/l	98
69) o-Xylene	12.026	106	41844	46.928	ug/l	98
70) Styrene	12.038	104	71033	47.744	ug/l	97
71) Bromoform	12.203	173	14406	55.601	ug/l #	98
73) Isopropylbenzene	12.325	105	105894	43.654	ug/l	98
74) N-amyl acetate	12.142	43	23956	48.290	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	21072	55.103	ug/l	96
76) 1,2,3-Trichloropropane	12.630	75	16549m	63.749	ug/l	
77) Bromobenzene	12.605	156	27762	47.940	ug/l	95
78) n-propylbenzene	12.666	91	124604	43.255	ug/l	97
79) 2-Chlorotoluene	12.751	91	71996	44.448	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	87598	44.134	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	5912	50.969	ug/l #	81
82) 4-Chlorotoluene	12.849	91	73826	44.263	ug/l	96
83) tert-Butylbenzene	13.068	119	83039	45.316	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	89224	45.238	ug/l	99
85) sec-Butylbenzene	13.251	105	113279	43.552	ug/l	96
86) p-Isopropyltoluene	13.367	119	99844	44.465	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	51250	45.060	ug/l	96
88) 1,4-Dichlorobenzene	13.440	146	52898	46.925	ug/l	98
89) n-Butylbenzene	13.690	91	87275	42.873	ug/l	96
90) Hexachloroethane	13.959	117	17777	42.570	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	47031	47.869	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3580	57.774	ug/l	84
93) 1,2,4-Trichlorobenzene	15.001	180	27555	45.944	ug/l	96
94) Hexachlorobutadiene	15.111	225	15581	45.071	ug/l	99
95) Naphthalene	15.233	128	50823	49.397	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	23193	45.196	ug/l	98

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

