

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
 Data File : VY018884.D
 Acq On : 19 Jul 2024 16:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 19 23:06:16 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 :Mahesh Dadoda 07/22/2024
 Supervised By :Semsettin Yesilyurt 07/22/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	105841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	161307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	141047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	70899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	49643	47.665	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.340%		
35) Dibromofluoromethane	7.710	113	52146	51.614	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.220%		
50) Toluene-d8	10.173	98	181324	47.373	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.740%		
62) 4-Bromofluorobenzene	12.477	95	65080	49.788	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.580%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	39970	45.068	ug/l	99
3) Chloromethane	2.107	50	56776	42.128	ug/l	98
4) Vinyl Chloride	2.241	62	72246	45.825	ug/l	99
5) Bromomethane	2.644	94	50817	46.860	ug/l	98
6) Chloroethane	2.784	64	46870	45.760	ug/l	100
7) Trichlorofluoromethane	3.113	101	94099	45.676	ug/l	97
8) Diethyl Ether	3.515	74	23957	47.711	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	49382	46.719	ug/l	93
10) Methyl Iodide	4.076	142	59272	52.074	ug/l	94
11) Tert butyl alcohol	4.942	59	18693	177.177	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	45999	44.984	ug/l	98
13) Acrolein	3.710	56	13251	156.763	ug/l	96
14) Allyl chloride	4.466	41	59232	46.757	ug/l	90
15) Acrylonitrile	5.143	53	49879	251.804	ug/l	99
16) Acetone	3.936	43	48150	250.765	ug/l	94
17) Carbon Disulfide	4.180	76	125272	43.751	ug/l	100
18) Methyl Acetate	4.466	43	24787	44.428	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	116822	49.248	ug/l	92
20) Methylene Chloride	4.698	84	52856	48.453	ug/l	92
21) trans-1,2-Dichloroethene	5.198	96	50732	47.007	ug/l	94
22) Diisopropyl ether	6.100	45	134765	48.905	ug/l #	90
23) Vinyl Acetate	6.045	43	545555	251.296	ug/l	99
24) 1,1-Dichloroethane	5.997	63	84713	48.149	ug/l	98
25) 2-Butanone	6.972	43	67394	250.397	ug/l	90
26) 2,2-Dichloropropane	6.972	77	76348	46.768	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	59390	47.266	ug/l	98
28) Bromochloromethane	7.326	49	37786	53.472	ug/l	93
29) Tetrahydrofuran	7.338	42	41820	253.448	ug/l	93
30) Chloroform	7.496	83	96372	49.148	ug/l	97
31) Cyclohexane	7.777	56	68768	42.978	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	89780	49.238	ug/l	97
36) 1,1-Dichloropropene	7.911	75	65627	47.070	ug/l	98
37) Ethyl Acetate	7.070	43	30227	52.158	ug/l	98
38) Carbon Tetrachloride	7.893	117	83232	49.565	ug/l	91
39) Methylcyclohexane	9.179	83	86156	48.220	ug/l	99
40) Benzene	8.149	78	200981	49.691	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	14218	43.032	ug/l	96
42) 1,2-Dichloroethane	8.228	62	56346	49.758	ug/l	96
43) Isopropyl Acetate	8.271	43	57832	50.151	ug/l #	82
44) Trichloroethene	8.935	130	57446	49.688	ug/l	98
45) 1,2-Dichloropropane	9.209	63	42809	48.605	ug/l	95
46) Dibromomethane	9.301	93	29234	51.208	ug/l	97
47) Bromodichloromethane	9.490	83	74635	52.332	ug/l	98
48) Methyl methacrylate	9.289	41	24622	46.975	ug/l #	88
49) 1,4-Dioxane	9.289	88	7161	1070.062	ug/l #	93
51) 4-Methyl-2-Pentanone	10.063	43	152478	258.982	ug/l	92
52) Toluene	10.240	92	132266	49.202	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	62339	50.625	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	71666	49.610	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	36995	51.174	ug/l	95
56) Ethyl methacrylate	10.508	69	49682	52.199	ug/l #	86
57) 1,3-Dichloropropane	10.782	76	61429	51.259	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	117515	258.436	ug/l	93
59) 2-Hexanone	10.825	43	106118	257.635	ug/l	92
60) Dibromochloromethane	10.984	129	53181	53.540	ug/l	98
61) 1,2-Dibromoethane	11.081	107	36916	52.526	ug/l	99
64) Tetrachloroethene	10.715	164	58792	51.497	ug/l	98
65) Chlorobenzene	11.514	112	149488	50.241	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	52827	51.531	ug/l	97
67) Ethyl Benzene	11.587	91	252120	48.370	ug/l	98
68) m/p-Xylenes	11.703	106	202929	99.211	ug/l	98
69) o-Xylene	12.026	106	96054	49.950	ug/l	100
70) Styrene	12.038	104	161662	50.383	ug/l	97
71) Bromoform	12.203	173	30439	54.474	ug/l #	99
73) Isopropylbenzene	12.325	105	250325	48.243	ug/l	98
74) N-amyl acetate	12.142	43	51057	48.114	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	39543	48.341	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	27848m	50.150	ug/l	
77) Bromobenzene	12.605	156	61146	49.362	ug/l	91
78) n-propylbenzene	12.666	91	295322	47.927	ug/l	97
79) 2-Chlorotoluene	12.752	91	165927	47.890	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	205281	48.351	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	12181	49.094	ug/l	87
82) 4-Chlorotoluene	12.855	91	169167	47.415	ug/l	97
83) tert-Butylbenzene	13.075	119	191276	48.799	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	204551	48.484	ug/l	100
85) sec-Butylbenzene	13.251	105	268839	48.321	ug/l	96
86) p-Isopropyltoluene	13.367	119	236448	49.228	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	119768	49.228	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	117738	48.827	ug/l	99
89) n-Butylbenzene	13.696	91	205802	47.263	ug/l	97
90) Hexachloroethane	13.959	117	42552	47.637	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	105139	50.028	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6249	47.146	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	63950	49.848	ug/l	98
94) Hexachlorobutadiene	15.111	225	36880	49.874	ug/l	99
95) Naphthalene	15.233	128	110990	50.431	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	54794	49.918	ug/l	97

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

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