

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014421.D
 Acq On : 26 Jun 2023 09:36
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 27 01:42:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	252583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	360762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	339662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	191998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	163238	52.052	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.100%			
35) Dibromofluoromethane	7.722	113	116460	52.251	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.500%			
50) Toluene-d8	10.179	98	463128	52.272	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.540%			
62) 4-Bromofluorobenzene	12.483	95	167928	53.090	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	106197	45.294	ug/l	96
3) Chloromethane	2.113	50	101422	44.203	ug/l	98
4) Vinyl Chloride	2.253	62	115733	46.280	ug/l	95
5) Bromomethane	2.644	94	100578	45.775	ug/l	98
6) Chloroethane	2.790	64	79595	48.051	ug/l	97
7) Trichlorofluoromethane	3.125	101	251322	50.902	ug/l	97
8) Diethyl Ether	3.528	74	69174	45.953	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	105812	45.345	ug/l	94
10) Methyl Iodide	4.088	142	133573	43.698	ug/l	93
11) Tert butyl alcohol	4.960	59	100863	253.233	ug/l #	79
12) 1,1-Dichloroethene	3.875	96	105661	45.408	ug/l	96
13) Acrolein	3.735	56	98927	236.251	ug/l	98
14) Allyl chloride	4.479	41	160433	43.170	ug/l	88
15) Acrylonitrile	5.161	53	196960	233.992	ug/l	99
16) Acetone	3.948	43	288078	291.930	ug/l	99
17) Carbon Disulfide	4.198	76	319142	44.320	ug/l	97
18) Methyl Acetate	4.479	43	147357	43.437	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	351612	49.128	ug/l	96
20) Methylene Chloride	4.716	84	121459	41.696	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	118151	46.179	ug/l	95
22) Diisopropyl ether	6.119	45	323469	43.799	ug/l #	97
23) Vinyl Acetate	6.064	43	1059307	280.931	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	191964	43.772	ug/l	98
25) 2-Butanone	6.984	43	310188	252.371	ug/l	94
26) 2,2-Dichloropropane	6.984	77	216644	46.719	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	129310	44.897	ug/l	98
28) Bromochloromethane	7.338	49	80916	42.307	ug/l #	76
29) Tetrahydrofuran	7.350	42	171988	234.673	ug/l #	86
30) Chloroform	7.509	83	229656	46.422	ug/l	96
31) Cyclohexane	7.783	56	162471	41.943	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	229052	48.641	ug/l	98
36) 1,1-Dichloropropene	7.923	75	163279	47.538	ug/l	98
37) Ethyl Acetate	7.076	43	114201	48.246	ug/l #	96
38) Carbon Tetrachloride	7.905	117	223217	51.644	ug/l	98
39) Methylcyclohexane	9.185	83	190934	48.318	ug/l	93
40) Benzene	8.161	78	460205	47.307	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	53962m	46.000	ug/l	
42) 1,2-Dichloroethane	8.240	62	186444	50.550	ug/l	99
43) Isopropyl Acetate	8.277	43	203370	48.657	ug/l	97
44) Trichloroethene	8.941	130	133674	47.861	ug/l	97
45) 1,2-Dichloropropane	9.216	63	103019	44.914	ug/l	98
46) Dibromomethane	9.307	93	75898	48.421	ug/l	94
47) Bromodichloromethane	9.496	83	178046	48.734	ug/l	98
48) Methyl methacrylate	9.295	41	94123	48.486	ug/l	91
49) 1,4-Dioxane	9.301	88	26176	1068.021	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	592374	251.115	ug/l	97
52) Toluene	10.246	92	311864	49.825	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	199222	50.297	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	195781	47.920	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	102527	48.847	ug/l	92
56) Ethyl methacrylate	10.508	69	153420	51.182	ug/l	95
57) 1,3-Dichloropropane	10.788	76	172257	48.792	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	353035	251.427	ug/l	91
59) 2-Hexanone	10.831	43	482017	271.168	ug/l	97
60) Dibromochloromethane	10.984	129	142566	51.203	ug/l	99
61) 1,2-Dibromoethane	11.093	107	104448	49.980	ug/l	99
64) Tetrachloroethene	10.721	164	140885	48.742	ug/l	95
65) Chlorobenzene	11.520	112	338762	48.547	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	138474	49.263	ug/l	97
67) Ethyl Benzene	11.593	91	619074	49.821	ug/l	99
68) m/p-Xylenes	11.703	106	486845	100.312	ug/l	99
69) o-Xylene	12.032	106	231070	50.036	ug/l	99
70) Styrene	12.044	104	402435	50.844	ug/l	99
71) Bromoform	12.209	173	108214	52.090	ug/l	98
73) Isopropylbenzene	12.331	105	620464	47.993	ug/l	99
74) N-amyl acetate	12.142	43	195917	47.851	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	128090	46.361	ug/l	96
76) 1,2,3-Trichloropropane	12.636	75	96007m	39.862	ug/l	
77) Bromobenzene	12.611	156	158625	47.189	ug/l	92
78) n-propylbenzene	12.672	91	742167	47.583	ug/l	98
79) 2-Chlorotoluene	12.758	91	423901	47.588	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	546689	48.883	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	51631	48.806	ug/l	91
82) 4-Chlorotoluene	12.855	91	447787	47.188	ug/l	97
83) tert-Butylbenzene	13.075	119	478249	49.882	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	544211	49.108	ug/l	99
85) sec-Butylbenzene	13.258	105	677777	48.884	ug/l	98
86) p-Isopropyltoluene	13.373	119	598071	49.821	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	314846	48.560	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	313966	48.168	ug/l	99
89) n-Butylbenzene	13.696	91	537761	49.029	ug/l	98
90) Hexachloroethane	13.965	117	107642	47.135	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	289849	48.969	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	31972	52.357	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	194091	50.472	ug/l	99
94) Hexachlorobutadiene	15.111	225	113652	49.201	ug/l	98
95) Naphthalene	15.239	128	436117	52.749	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	175314	50.068	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

