

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015182.D
 Acq On : 17 Aug 2023 19:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 18 00:58:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/18/2023
 Supervised By :Mahesh Dadoda 08/18/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	139968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	240840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	224725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	97867	58.248	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.500%			
35) Dibromofluoromethane	7.716	113	86249	55.666	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.340%			
50) Toluene-d8	10.179	98	314730	54.567	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.140%			
62) 4-Bromofluorobenzene	12.477	95	114607	54.402	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.800%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	34398	58.214	ug/l	97
3) Chloromethane	2.113	50	52782	64.230	ug/l	100
4) Vinyl Chloride	2.247	62	66543	59.746	ug/l	99
5) Bromomethane	2.637	94	53981	73.939	ug/l	100
6) Chloroethane	2.784	64	51636	63.856	ug/l	93
7) Trichlorofluoromethane	3.113	101	109167	58.169	ug/l	98
8) Diethyl Ether	3.528	74	48216	65.509	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	67165	57.585	ug/l	96
10) Methyl Iodide	4.088	142	71070	62.054	ug/l	99
11) Tert butyl alcohol	4.948	59	83714	306.276	ug/l #	81
12) 1,1-Dichloroethene	3.863	96	58208	59.765	ug/l	93
13) Acrolein	3.723	56	23712	212.889	ug/l	99
14) Allyl chloride	4.472	41	106206	61.505	ug/l	97
15) Acrylonitrile	5.155	53	172624	346.086	ug/l	100
16) Acetone	3.942	43	147297	268.355	ug/l	95
17) Carbon Disulfide	4.186	76	99348	57.961	ug/l	97
18) Methyl Acetate	4.472	43	140916	70.057	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	269795	65.148	ug/l	99
20) Methylene Chloride	4.710	84	88919	69.227	ug/l	94
21) trans-1,2-Dichloroethene	5.210	96	68934	62.747	ug/l	98
22) Diisopropyl ether	6.119	45	284949	66.132	ug/l #	91
23) Vinyl Acetate	6.058	43	804825	313.037	ug/l	96
24) 1,1-Dichloroethane	6.009	63	152187	65.240	ug/l	99
25) 2-Butanone	6.984	43	247420	318.360	ug/l	97
26) 2,2-Dichloropropane	6.978	77	104370	46.412	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	97902	65.237	ug/l	92
28) Bromochloromethane	7.332	49	59870	55.863	ug/l	95
29) Tetrahydrofuran	7.344	42	159075	342.315	ug/l	94
30) Chloroform	7.502	83	169317	64.747	ug/l	97
31) Cyclohexane	7.783	56	89548	60.188	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	137826	61.937	ug/l	99
36) 1,1-Dichloropropene	7.917	75	100243	58.480	ug/l	99
37) Ethyl Acetate	7.076	43	98408	61.590	ug/l	96
38) Carbon Tetrachloride	7.899	117	116637	57.494	ug/l	97
39) Methylcyclohexane	9.185	83	104276	54.265	ug/l	94
40) Benzene	8.161	78	318366	61.432	ug/l	98

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41) Methacrylonitrile	7.313	41	47036m	57.090	ug/l	
42) 1,2-Dichloroethane	8.234	62	118025	62.708	ug/l	96
43) Isopropyl Acetate	8.271	43	182624	62.765	ug/l	99
44) Trichloroethene	8.941	130	90523	60.630	ug/l	97
45) 1,2-Dichloropropane	9.216	63	92080	63.009	ug/l	99
46) Dibromomethane	9.301	93	59105	64.127	ug/l	95
47) Bromodichloromethane	9.496	83	138537	62.988	ug/l	99
48) Methyl methacrylate	9.289	41	80557	64.721	ug/l	95
49) 1,4-Dioxane	9.301	88	23886	1295.988	ug/l #	63
51) 4-Methyl-2-Pentanone	10.069	43	561057	332.711	ug/l	96
52) Toluene	10.246	92	208722	61.105	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	130396	56.413	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	139089	57.137	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	87617	62.519	ug/l	96
56) Ethyl methacrylate	10.508	69	130160	63.461	ug/l	92
57) 1,3-Dichloropropane	10.788	76	145526	63.558	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	304831	319.365	ug/l	93
59) 2-Hexanone	10.831	43	398122	318.994	ug/l	93
60) Dibromochloromethane	10.984	129	106952	63.976	ug/l	100
61) 1,2-Dibromoethane	11.087	107	82536	61.995	ug/l	98
64) Tetrachloroethene	10.715	164	105677	67.497	ug/l	97
65) Chlorobenzene	11.514	112	242682	59.270	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	102441	61.661	ug/l	98
67) Ethyl Benzene	11.593	91	414565	57.787	ug/l	98
68) m/p-Xylenes	11.703	106	317157	116.401	ug/l	97
69) o-Xylene	12.026	106	161880	59.640	ug/l	98
70) Styrene	12.044	104	285535	60.780	ug/l	97
71) Bromoform	12.209	173	72869	60.505	ug/l #	100
73) Isopropylbenzene	12.331	105	429265	57.344	ug/l	99
74) N-amyl acetate	12.142	43	164411	60.831	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	119992	61.546	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	89169m	63.046	ug/l	
77) Bromobenzene	12.605	156	106556	58.397	ug/l	95
78) n-propylbenzene	12.666	91	508592	57.214	ug/l	99
79) 2-Chlorotoluene	12.758	91	300643	58.627	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	360987	57.851	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	31425	48.803	ug/l	98
82) 4-Chlorotoluene	12.855	91	312473	58.980	ug/l	99
83) tert-Butylbenzene	13.075	119	326957	57.285	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	362410	58.122	ug/l	99
85) sec-Butylbenzene	13.251	105	478225	57.186	ug/l	100
86) p-Isopropyltoluene	13.367	119	393294	56.724	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	211287	58.380	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	211991	58.399	ug/l	99
89) n-Butylbenzene	13.696	91	360313	55.117	ug/l	96
90) Hexachloroethane	13.959	117	80109	58.241	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	205241	60.705	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23214	61.465	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	122304	56.346	ug/l	99
94) Hexachlorobutadiene	15.111	225	63016	53.373	ug/l	99
95) Naphthalene	15.233	128	330089	61.048	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	113970	58.140	ug/l	99

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

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