

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014578.D
 Acq On : 06 Jul 2023 11:07
 Operator : KP/MD
 Sample : VY0706SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 06 11:36:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	343303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	486822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	449773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	246419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	161113	47.176	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.360%
35) Dibromofluoromethane	7.710	113	156903	52.338	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.680%
50) Toluene-d8	10.173	98	608153	51.317	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.640%
62) 4-Bromofluorobenzene	12.477	95	209771	50.975	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.960%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	63146	23.196	ug/l	97
3) Chloromethane	2.107	50	82832	20.833	ug/l	96
4) Vinyl Chloride	2.241	62	107014	23.351	ug/l	97
5) Bromomethane	2.619	94	87664	24.669	ug/l	99
6) Chloroethane	2.778	64	66839	22.651	ug/l	96
7) Trichlorofluoromethane	3.107	101	124033	22.284	ug/l	97
8) Diethyl Ether	3.521	74	41037	19.472	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.881	101	72605	21.844	ug/l	98
10) Methyl Iodide	4.076	142	58725	15.483	ug/l	92
11) Tert butyl alcohol	4.930	59	91306	146.295	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	66051	20.513	ug/l	81
13) Acrolein	3.723	56	39957	87.892	ug/l	99
14) Allyl chloride	4.466	41	90205	18.586	ug/l	87
15) Acrylonitrile	5.155	53	101189	83.638	ug/l	100
16) Acetone	3.942	43	96445	90.430	ug/l #	86
17) Carbon Disulfide	4.180	76	200622	20.445	ug/l	98
18) Methyl Acetate	4.473	43	84645	17.435	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	163900	17.710	ug/l	100
20) Methylene Chloride	4.704	84	89227	20.072	ug/l	85
21) trans-1,2-Dichloroethene	5.204	96	69454	19.056	ug/l	92
22) Diisopropyl ether	6.112	45	180745	18.074	ug/l	89
23) Vinyl Acetate	6.051	43	508618	87.906	ug/l #	91
24) 1,1-Dichloroethane	6.009	63	115789	18.443	ug/l	99
25) 2-Butanone	6.978	43	134275	85.029	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	105663	19.746	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	76388	18.475	ug/l	92
28) Bromochloromethane	7.326	49	49712	18.858	ug/l #	82
29) Tetrahydrofuran	7.344	42	86951	85.364	ug/l #	86
30) Chloroform	7.496	83	123733	18.893	ug/l	96
31) Cyclohexane	7.777	56	100790	18.811	ug/l	88
32) 1,1,1-Trichloroethane	7.698	97	106782	19.075	ug/l	98
36) 1,1-Dichloropropene	7.911	75	92307	20.106	ug/l	97
37) Ethyl Acetate	7.070	43	58174	18.477	ug/l #	92
38) Carbon Tetrachloride	7.893	117	101715	21.224	ug/l	98
39) Methylcyclohexane	9.179	83	110752	20.182	ug/l	96
40) Benzene	8.155	78	267397	19.241	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	32353m	21.034	ug/l	
42) 1,2-Dichloroethane	8.228	62	81486	19.949	ug/l	
43) Isopropyl Acetate	8.271	43	98132	18.392	ug/l #	91
44) Trichloroethene	8.935	130	79493	20.518	ug/l	95
45) 1,2-Dichloropropane	9.209	63	69317	19.443	ug/l	99
46) Dibromomethane	9.301	93	42741	19.693	ug/l	92
47) Bromodichloromethane	9.490	83	94451	19.751	ug/l	100
48) Methyl methacrylate	9.289	41	45962	18.943	ug/l #	81
49) 1,4-Dioxane	9.289	88	14999	387.012	ug/l #	64
51) 4-Methyl-2-Pentanone	10.063	43	288757	91.413	ug/l	90
52) Toluene	10.240	92	170238	19.466	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	97820	19.129	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	109178	19.135	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	61562	19.493	ug/l	98
56) Ethyl methacrylate	10.508	69	79121	18.418	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	99813	19.397	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	198129	95.200	ug/l	96
59) 2-Hexanone	10.825	43	210234	92.135	ug/l	91
60) Dibromochloromethane	10.984	129	73298	19.808	ug/l	99
61) 1,2-Dibromoethane	11.081	107	60111	19.496	ug/l	99
64) Tetrachloroethene	10.715	164	85373	21.233	ug/l	94
65) Chlorobenzene	11.514	112	190093	19.832	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	72942	20.022	ug/l	97
67) Ethyl Benzene	11.587	91	318735	19.500	ug/l	97
68) m/p-Xylenes	11.697	106	254846	39.306	ug/l	94
69) o-Xylene	12.026	106	118732	19.308	ug/l	95
70) Styrene	12.038	104	206402	19.508	ug/l	96
71) Bromoform	12.203	173	56013	20.238	ug/l	98
73) Isopropylbenzene	12.325	105	314531	19.489	ug/l	99
74) N-amyl acetate	12.142	43	87859	18.038	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	78475	18.948	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	53458m	18.487	ug/l	
77) Bromobenzene	12.605	156	88232	20.017	ug/l	91
78) n-propylbenzene	12.666	91	390412	19.831	ug/l	98
79) 2-Chlorotoluene	12.752	91	221384	19.540	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	269523	19.727	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	26965	18.151	ug/l	89
82) 4-Chlorotoluene	12.849	91	230021	19.380	ug/l	95
83) tert-Butylbenzene	13.075	119	238056	19.826	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	267837	19.646	ug/l	96
85) sec-Butylbenzene	13.251	105	356194	20.103	ug/l	98
86) p-Isopropyltoluene	13.367	119	296009	19.852	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	168100	19.505	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	170218	19.707	ug/l	98
89) n-Butylbenzene	13.690	91	275749	20.011	ug/l	98
90) Hexachloroethane	13.959	117	59028	19.985	ug/l	83
91) 1,2-Dichlorobenzene	13.733	146	153846	19.707	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	13828	18.237	ug/l	80
93) 1,2,4-Trichlorobenzene	15.001	180	101471	20.124	ug/l	98
94) Hexachlorobutadiene	15.111	225	68626	22.144	ug/l	98
95) Naphthalene	15.233	128	194046	18.088	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	92991	20.241	ug/l	99

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

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Supervised By :Mahesh
Dadoda

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