

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013680.D
 Acq On : 10 May 2023 12:12
 Operator : KP/MD
 Sample : VY0510SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0510SBS01

Quant Time: May 11 03:24:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/11/2023
 Supervised By :Mahesh Dadoda 05/11/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	235526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	350616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	314610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	165175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	139391	53.988	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.980%			
35) Dibromofluoromethane	7.716	113	122597	55.594	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.180%			
50) Toluene-d8	10.179	98	416029	53.032	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.060%			
62) 4-Bromofluorobenzene	12.477	95	154063	58.254	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 116.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	51540	23.018	ug/l	100
3) Chloromethane	2.113	50	61194	20.389	ug/l	100
4) Vinyl Chloride	2.247	62	60212	20.148	ug/l	99
5) Bromomethane	2.650	94	48674	20.439	ug/l	99
6) Chloroethane	2.790	64	39591	19.177	ug/l	97
7) Trichlorofluoromethane	3.125	101	105914	23.395	ug/l	98
8) Diethyl Ether	3.527	74	32329	20.970	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	57392	22.601	ug/l	98
10) Methyl Iodide	4.094	142	58184	18.243	ug/l	99
11) Tert butyl alcohol	4.936	59	61033	209.978	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	51965	21.229	ug/l	100
13) Acrolein	3.729	56	19382	79.892	ug/l	97
14) Allyl chloride	4.472	41	91060	20.049	ug/l	97
15) Acrylonitrile	5.161	53	93133	107.869	ug/l	98
16) Acetone	3.948	43	108254	106.468	ug/l	96
17) Carbon Disulfide	4.192	76	152304	19.155	ug/l	100
18) Methyl Acetate	4.479	43	71103	21.173	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	148925	21.074	ug/l	100
20) Methylene Chloride	4.716	84	83916	21.779	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	56214	21.004	ug/l	98
22) Diisopropyl ether	6.119	45	188678	21.254	ug/l	96
23) Vinyl Acetate	6.058	43	563780	112.165	ug/l	97
24) 1,1-Dichloroethane	6.015	63	106706	21.567	ug/l	98
25) 2-Butanone	6.984	43	141113	109.433	ug/l	96
26) 2,2-Dichloropropane	6.978	77	101898	23.901	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	64390	21.775	ug/l	94
28) Bromochloromethane	7.332	49	37799	21.529	ug/l	87
29) Tetrahydrofuran	7.350	42	83057	103.475	ug/l	92
30) Chloroform	7.502	83	114453	23.266	ug/l	99
31) Cyclohexane	7.783	56	93031	20.125	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	102771	23.412	ug/l	97
36) 1,1-Dichloropropene	7.923	75	83393	22.786	ug/l	97
37) Ethyl Acetate	7.076	43	59147	21.475	ug/l	95
38) Carbon Tetrachloride	7.899	117	95503	24.897	ug/l	98
39) Methylcyclohexane	9.179	83	93669	21.710	ug/l	95
40) Benzene	8.161	78	239972	23.277	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	32724m	25.497	ug/l	
42) 1,2-Dichloroethane	8.234	62	80527	23.892	ug/l	98
43) Isopropyl Acetate	8.271	43	98615	21.213	ug/l	98
44) Trichloroethene	8.941	130	63940	23.316	ug/l	99
45) 1,2-Dichloropropane	9.216	63	61152	22.686	ug/l	99
46) Dibromomethane	9.307	93	37026	22.957	ug/l	97
47) Bromodichloromethane	9.496	83	85951	23.816	ug/l	97
48) Methyl methacrylate	9.295	41	46579	21.817	ug/l	93
49) 1,4-Dioxane	9.307	88	10556	458.263	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	289764	111.857	ug/l	95
52) Toluene	10.246	92	147301	23.743	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	89306	23.382	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	97582	22.705	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	50597	23.689	ug/l	98
56) Ethyl methacrylate	10.508	69	66546	22.457	ug/l	92
57) 1,3-Dichloropropane	10.788	76	84035	23.231	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	132440	119.191	ug/l	96
59) 2-Hexanone	10.831	43	215269	114.317	ug/l	96
60) Dibromochloromethane	10.983	129	64211	24.759	ug/l	100
61) 1,2-Dibromoethane	11.087	107	48841	23.259	ug/l	97
64) Tetrachloroethene	10.715	164	56813	23.748	ug/l	95
65) Chlorobenzene	11.514	112	158396	23.112	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	61940	24.166	ug/l	99
67) Ethyl Benzene	11.593	91	281829	23.418	ug/l	100
68) m/p-Xylenes	11.703	106	217170	47.469	ug/l	98
69) o-Xylene	12.026	106	100885	23.316	ug/l	98
70) Styrene	12.044	104	173552	23.989	ug/l	100
71) Bromoform	12.203	173	43330	24.135	ug/l #	99
73) Isopropylbenzene	12.331	105	272021	21.773	ug/l	97
74) N-amyl acetate	12.142	43	86082	19.362	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	64019	20.965	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	47177m	21.179	ug/l	
77) Bromobenzene	12.605	156	68507	22.631	ug/l	97
78) n-propylbenzene	12.672	91	337253	21.916	ug/l	99
79) 2-Chlorotoluene	12.758	91	186894	21.749	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	228733	22.432	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	21684	19.912	ug/l	94
82) 4-Chlorotoluene	12.855	91	199436	22.267	ug/l	97
83) tert-Butylbenzene	13.075	119	196100	22.198	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	224026	22.597	ug/l	100
85) sec-Butylbenzene	13.251	105	296381	22.354	ug/l	98
86) p-Isopropyltoluene	13.367	119	236911	22.220	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	131449	22.792	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	131199	22.520	ug/l	99
89) n-Butylbenzene	13.696	91	226626	21.777	ug/l	99
90) Hexachloroethane	13.959	117	48200	21.479	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	117983	22.654	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11039	20.469	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	70133	22.587	ug/l	98
94) Hexachlorobutadiene	15.111	225	46066	25.492	ug/l	99
95) Naphthalene	15.233	128	138496	20.557	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	63113	22.805	ug/l	98

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

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