

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014533.D
 Acq On : 03 Jul 2023 14:21
 Operator : KP/MD
 Sample : VY0703SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/07/2023
 Supervised By :Semsettin Yesilyurt 07/07/2023

Quant Time: Jul 04 02:59:38 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	394317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	575130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	531013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	286634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	174930	44.595	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.200%		
35) Dibromofluoromethane	7.710	113	171231	48.347	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.700%		
50) Toluene-d8	10.173	98	672932	48.064	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.120%		
62) 4-Bromofluorobenzene	12.477	95	233614	48.053	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	67420	21.202	ug/l	96
3) Chloromethane	2.107	50	85320	18.683	ug/l	96
4) Vinyl Chloride	2.241	62	104865	19.922	ug/l	96
5) Bromomethane	2.619	94	86970	21.307	ug/l	95
6) Chloroethane	2.778	64	67594	19.943	ug/l	96
7) Trichlorofluoromethane	3.107	101	133662	20.907	ug/l	100
8) Diethyl Ether	3.521	74	45548	18.816	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	78464	20.552	ug/l	97
10) Methyl Iodide	4.076	142	73835	16.948	ug/l	92
11) Tert butyl alcohol	4.960	59	59921	74.620	ug/l #	83
12) 1,1-Dichloroethene	3.857	96	75152	20.320	ug/l	85
13) Acrolein	3.723	56	51101	97.919	ug/l	99
14) Allyl chloride	4.466	41	98182	17.612	ug/l #	86
15) Acrylonitrile	5.155	53	121186	87.208	ug/l	98
16) Acetone	3.942	43	99098	80.897	ug/l #	84
17) Carbon Disulfide	4.180	76	225652	20.021	ug/l	98
18) Methyl Acetate	4.472	43	97268	17.443	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	195922	18.432	ug/l	100
20) Methylene Chloride	4.704	84	102104	19.976	ug/l #	84
21) trans-1,2-Dichloroethene	5.204	96	82098	19.610	ug/l	93
22) Diisopropyl ether	6.112	45	207348	18.051	ug/l #	87
23) Vinyl Acetate	6.051	43	579535	87.205	ug/l #	93
24) 1,1-Dichloroethane	6.003	63	133798	18.555	ug/l	96
25) 2-Butanone	6.978	43	151200	83.360	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	112436	18.293	ug/l	95
27) cis-1,2-Dichloroethene	6.972	96	90319	19.019	ug/l	88
28) Bromochloromethane	7.326	49	58896	19.451	ug/l #	78
29) Tetrahydrofuran	7.344	42	101063	86.382	ug/l #	82
30) Chloroform	7.502	83	142567	18.953	ug/l	97
31) Cyclohexane	7.777	56	116695	18.962	ug/l	86
32) 1,1,1-Trichloroethane	7.691	97	123795	19.253	ug/l	97
36) 1,1-Dichloropropene	7.911	75	108051	19.922	ug/l	96
37) Ethyl Acetate	7.070	43	64451	17.327	ug/l #	91
38) Carbon Tetrachloride	7.893	117	115031	20.317	ug/l	99
39) Methylcyclohexane	9.179	83	132432	20.428	ug/l	93
40) Benzene	8.155	78	319328	19.450	ug/l	99

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 Supervised By :Semsettin Yesilyurt 07/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	36422m	20.043	ug/l	
42) 1,2-Dichloroethane	8.234	62	91132	18.885	ug/l	92
43) Isopropyl Acetate	8.271	43	111840	17.743	ug/l #	89
44) Trichloroethene	8.935	130	92386	20.184	ug/l	94
45) 1,2-Dichloropropane	9.209	63	78340	18.600	ug/l	94
46) Dibromomethane	9.301	93	49306	19.230	ug/l	93
47) Bromodichloromethane	9.496	83	106295	18.815	ug/l	99
48) Methyl methacrylate	9.289	41	50106	17.480	ug/l #	75
49) 1,4-Dioxane	9.289	88	16160	352.945	ug/l #	61
51) 4-Methyl-2-Pentanone	10.063	43	333667	89.411	ug/l	88
52) Toluene	10.240	92	203959	19.741	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	115499	19.118	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	128702	19.093	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	71201	19.084	ug/l	98
56) Ethyl methacrylate	10.508	69	94518	18.623	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	114805	18.885	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	241723	98.313	ug/l	93
59) 2-Hexanone	10.831	43	239430	88.819	ug/l	86
60) Dibromochloromethane	10.977	129	85997	19.671	ug/l	99
61) 1,2-Dibromoethane	11.081	107	70149	19.259	ug/l	99
64) Tetrachloroethene	10.715	164	102001	21.488	ug/l	96
65) Chlorobenzene	11.514	112	223806	19.777	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	85214	19.812	ug/l	99
67) Ethyl Benzene	11.587	91	376443	19.507	ug/l	98
68) m/p-Xylenes	11.697	106	304677	39.802	ug/l	92
69) o-Xylene	12.026	106	141685	19.515	ug/l	94
70) Styrene	12.038	104	247670	19.828	ug/l	95
71) Bromoform	12.203	173	65513	20.049	ug/l #	99
73) Isopropylbenzene	12.325	105	372650	19.851	ug/l	98
74) N-amyl acetate	12.142	43	100170	17.680	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.575	83	90772	18.842	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	62475m	18.574	ug/l	
77) Bromobenzene	12.605	156	103403	20.167	ug/l	91
78) n-propylbenzene	12.666	91	457500	19.979	ug/l	98
79) 2-Chlorotoluene	12.751	91	261700	19.858	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	317545	19.981	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.373	75	30935	17.901	ug/l	88
82) 4-Chlorotoluene	12.849	91	269795	19.542	ug/l	95
83) tert-Butylbenzene	13.068	119	282114	20.199	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	317578	20.026	ug/l	97
85) sec-Butylbenzene	13.251	105	417489	20.257	ug/l	98
86) p-Isopropyltoluene	13.367	119	355859	20.517	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	199227	19.873	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	198710	19.778	ug/l	99
89) n-Butylbenzene	13.690	91	320045	19.967	ug/l	97
90) Hexachloroethane	13.959	117	68391	19.906	ug/l	84
91) 1,2-Dichlorobenzene	13.733	146	182835	20.134	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	16556	18.771	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	115648	19.718	ug/l	99
94) Hexachlorobutadiene	15.111	225	76547	21.235	ug/l	99
95) Naphthalene	15.233	128	229379	18.382	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	104408	19.537	ug/l	98

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

