

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080223\
 Data File : VY014930.D
 Acq On : 02 Aug 2023 14:41
 Operator : SY/MD
 Sample : VY0802SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0802SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/03/2023
 Supervised By :Mahesh Dadoda 08/03/2023

Quant Time: Aug 03 02:42:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	269813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	450300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	408201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	208292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	167902	54.609	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.220%			
35) Dibromofluoromethane	7.709	113	147285	51.381	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.760%			
50) Toluene-d8	10.178	98	525725	49.746	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.500%			
62) 4-Bromofluorobenzene	12.477	95	195543	48.256	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	40612	18.475	ug/l	94
3) Chloromethane	2.107	50	52641	21.304	ug/l	97
4) Vinyl Chloride	2.247	62	62665	22.692	ug/l	99
5) Bromomethane	2.625	94	48118	26.366	ug/l	96
6) Chloroethane	2.777	64	41935	24.310	ug/l	95
7) Trichlorofluoromethane	3.113	101	90953	19.610	ug/l	99
8) Diethyl Ether	3.521	74	34387	19.926	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	52213	18.367	ug/l	97
10) Methyl Iodide	4.076	142	49486	18.012	ug/l	97
11) Tert butyl alcohol	4.936	59	92239	135.203	ug/l #	92
12) 1,1-Dichloroethene	3.863	96	48032	18.078	ug/l	92
13) Acrolein	3.722	56	24551	76.398	ug/l	100
14) Allyl chloride	4.466	41	79141	16.776	ug/l	97
15) Acrylonitrile	5.155	53	104551	109.867	ug/l	99
16) Acetone	3.942	43	106473	109.280	ug/l	95
17) Carbon Disulfide	4.180	76	124813	16.408	ug/l	100
18) Methyl Acetate	4.466	43	83858	22.428	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	171082	19.822	ug/l	100
20) Methylene Chloride	4.704	84	123512	38.010	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	55998	18.572	ug/l	87
22) Diisopropyl ether	6.112	45	177944	18.553	ug/l	93
23) Vinyl Acetate	6.051	43	537001	93.559	ug/l	97
24) 1,1-Dichloroethane	6.008	63	102926	18.755	ug/l	97
25) 2-Butanone	6.978	43	156483	109.781	ug/l	96
26) 2,2-Dichloropropane	6.972	77	94882	18.141	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	67331	19.184	ug/l	97
28) Bromochloromethane	7.325	49	51858	21.940	ug/l	94
29) Tetrahydrofuran	7.344	42	96872	110.370	ug/l	91
30) Chloroform	7.502	83	110042	19.445	ug/l	98
31) Cyclohexane	7.776	56	85999	16.850	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	94507	18.555	ug/l	99
36) 1,1-Dichloropropene	7.911	75	77423	18.061	ug/l	98
37) Ethyl Acetate	7.069	43	63675	21.574	ug/l	96
38) Carbon Tetrachloride	7.892	117	83701	18.471	ug/l	99
39) Methylcyclohexane	9.179	83	94738	16.963	ug/l	94
40) Benzene	8.154	78	229887	18.856	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	30047m	19.793	ug/l	
42) 1,2-Dichloroethane	8.234	62	78573	20.351	ug/l	94
43) Isopropyl Acetate	8.270	43	111722	19.872	ug/l	96
44) Trichloroethene	8.935	130	66959	19.629	ug/l	100
45) 1,2-Dichloropropane	9.209	63	60034	18.858	ug/l	100
46) Dibromomethane	9.301	93	38367	19.866	ug/l	96
47) Bromodichloromethane	9.490	83	87925	19.316	ug/l	99
48) Methyl methacrylate	9.288	41	48586	19.205	ug/l	94
49) 1,4-Dioxane	9.294	88	14473	459.583	ug/l #	63
51) 4-Methyl-2-Pentanone	10.069	43	319239	108.147	ug/l	94
52) Toluene	10.239	92	145522	18.653	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	89420	17.959	ug/l	98
54) cis-1,3-Dichloropropene	9.922	75	98570	18.205	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	55149	20.500	ug/l	97
56) Ethyl methacrylate	10.508	69	80192	19.523	ug/l	90
57) 1,3-Dichloropropane	10.788	76	91277	19.671	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	99495	51.986	ug/l	95
59) 2-Hexanone	10.825	43	232953	108.215	ug/l	93
60) Dibromochloromethane	10.977	129	64033	19.413	ug/l	100
61) 1,2-Dibromoethane	11.087	107	53669	19.998	ug/l	100
64) Tetrachloroethene	10.715	164	74737	22.765	ug/l	98
65) Chlorobenzene	11.514	112	161042	18.513	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	61552	18.767	ug/l	98
67) Ethyl Benzene	11.587	91	283366	18.042	ug/l	99
68) m/p-Xylenes	11.697	106	217082	36.209	ug/l	96
69) o-Xylene	12.026	106	104669	17.925	ug/l	100
70) Styrene	12.038	104	180126	18.302	ug/l	97
71) Bromoform	12.203	173	41920	18.856	ug/l #	100
73) Isopropylbenzene	12.324	105	281738	17.275	ug/l	100
74) N-amyl acetate	12.142	43	93906	17.192	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.580	83	64644	17.381	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	50522m	19.205	ug/l	
77) Bromobenzene	12.605	156	67783	18.207	ug/l	98
78) n-propylbenzene	12.666	91	333062	16.947	ug/l	100
79) 2-Chlorotoluene	12.751	91	191096	16.882	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	234482	17.215	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	21212	15.612	ug/l	99
82) 4-Chlorotoluene	12.849	91	197275	16.922	ug/l	100
83) tert-Butylbenzene	13.068	119	203512	16.844	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	232593	17.400	ug/l	98
85) sec-Butylbenzene	13.251	105	302840	17.086	ug/l	100
86) p-Isopropyltoluene	13.367	119	256205	17.704	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	132049	18.225	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	133159	18.340	ug/l	98
89) n-Butylbenzene	13.690	91	239291	16.996	ug/l	98
90) Hexachloroethane	13.958	117	48136	16.194	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	120366	18.132	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.348	75	13209	18.571	ug/l	93
93) 1,2,4-Trichlorobenzene	15.001	180	73876	17.531	ug/l	99
94) Hexachlorobutadiene	15.111	225	40118	17.324	ug/l	97
95) Naphthalene	15.232	128	177651	18.095	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	67067	17.908	ug/l	99

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

