

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016438.D
 Acq On : 21 Nov 2023 15:19
 Operator : SY/MD
 Sample : VY1121SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS03

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/22/2023
 Supervised By :Semsettin Yesilyurt 11/22/2023

Quant Time: Nov 22 01:16:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	168106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	263238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	228596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	111484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	77542	50.469	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.940%			
35) Dibromofluoromethane	7.734	113	82184	54.959	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.920%			
50) Toluene-d8	10.191	98	311433	51.358	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.720%			
62) 4-Bromofluorobenzene	12.495	95	103873	52.741	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	21717	13.193	ug/l	99
3) Chloromethane	2.125	50	26728	13.865	ug/l	99
4) Vinyl Chloride	2.265	62	30555	14.740	ug/l	96
5) Bromomethane	2.661	94	20714	15.205	ug/l	100
6) Chloroethane	2.808	64	20616	15.586	ug/l	99
7) Trichlorofluoromethane	3.137	101	58745	19.479	ug/l	98
8) Diethyl Ether	3.539	74	18472	20.493	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.923	101	36186	19.921	ug/l	94
10) Methyl Iodide	4.112	142	37117	18.920	ug/l	97
11) Tert butyl alcohol	4.972	59	13639	113.362	ug/l #	83
12) 1,1-Dichloroethene	3.893	96	31620	18.613	ug/l	84
13) Acrolein	3.747	56	12461	85.867	ug/l	96
14) Allyl chloride	4.503	41	42844	17.773	ug/l #	89
15) Acrylonitrile	5.185	53	39039	109.137	ug/l	98
16) Acetone	3.960	43	34725	136.635	ug/l #	87
17) Carbon Disulfide	4.216	76	76068	14.841	ug/l	97
18) Methyl Acetate	4.496	43	27832	20.610	ug/l #	85
19) Methyl tert-butyl Ether	5.246	73	86665	21.078	ug/l	97
20) Methylene Chloride	4.740	84	59351	31.790	ug/l	87
21) trans-1,2-Dichloroethene	5.246	96	36320	18.569	ug/l	93
22) Diisopropyl ether	6.136	45	99364	19.126	ug/l	91
23) Vinyl Acetate	6.082	43	243661	96.793	ug/l #	91
24) 1,1-Dichloroethane	6.039	63	62557	19.518	ug/l	97
25) 2-Butanone	7.002	43	51974	116.758	ug/l #	86
26) 2,2-Dichloropropane	6.996	77	58980	20.219	ug/l	96
27) cis-1,2-Dichloroethene	7.002	96	42698	20.256	ug/l	89
28) Bromochloromethane	7.356	49	22566	19.024	ug/l #	75
29) Tetrahydrofuran	7.362	42	30203	102.652	ug/l #	84
30) Chloroform	7.526	83	69290	20.770	ug/l	96
31) Cyclohexane	7.801	56	50757	16.779	ug/l #	85
32) 1,1,1-Trichloroethane	7.721	97	63066	20.623	ug/l	97
36) 1,1-Dichloropropene	7.935	75	50129	19.306	ug/l	98
37) Ethyl Acetate	7.094	43	22771	21.705	ug/l #	94
38) Carbon Tetrachloride	7.917	117	57438	21.314	ug/l	100
39) Methylcyclohexane	9.197	83	59458	18.377	ug/l	92
40) Benzene	8.179	78	145385	19.929	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	10482	19.815	ug/l	92
42) 1,2-Dichloroethane	8.252	62	40606	21.482	ug/l	93
43) Isopropyl Acetate	8.288	43	41224	20.328	ug/l #	87
44) Trichloroethene	8.953	130	43939	20.957	ug/l	94
45) 1,2-Dichloropropane	9.233	63	35823	20.447	ug/l	100
46) Dibromomethane	9.319	93	20741	21.846	ug/l	97
47) Bromodichloromethane	9.508	83	53243	21.814	ug/l	97
48) Methyl methacrylate	9.307	41	21713	19.373	ug/l #	79
49) 1,4-Dioxane	9.319	88	4180	414.710	ug/l #	49
51) 4-Methyl-2-Pentanone	10.081	43	108007	105.322	ug/l	88
52) Toluene	10.258	92	94456	20.483	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	51131	21.609	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	59295	20.981	ug/l #	88
55) 1,1,2-Trichloroethane	10.654	97	30672	23.439	ug/l	90
56) Ethyl methacrylate	10.526	69	27205	22.024	ug/l #	80
57) 1,3-Dichloropropane	10.800	76	49921	22.380	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.794	63	83720	99.954	ug/l	90
59) 2-Hexanone	10.843	43	80168	105.099	ug/l	85
60) Dibromochloromethane	10.995	129	37828	23.114	ug/l	99
61) 1,2-Dibromoethane	11.099	107	28195	22.616	ug/l	100
64) Tetrachloroethene	10.733	164	44401	21.632	ug/l	97
65) Chlorobenzene	11.532	112	103495	21.191	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	41158	22.848	ug/l	99
67) Ethyl Benzene	11.605	91	181330	20.659	ug/l	98
68) m/p-Xylenes	11.715	106	138631	41.641	ug/l	95
69) o-Xylene	12.044	106	64979	21.022	ug/l	97
70) Styrene	12.056	104	96163	21.727	ug/l	96
71) Bromoform	12.221	173	22053	23.593	ug/l #	99
73) Isopropylbenzene	12.343	105	179398	19.872	ug/l	99
74) N-amyl acetate	12.154	43	34288	18.909	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.593	83	31385	21.665	ug/l	99
76) 1,2,3-Trichloropropane	12.647	75	19677m	18.399	ug/l	
77) Bromobenzene	12.623	156	42317	20.740	ug/l	93
78) n-propylbenzene	12.684	91	209135	19.602	ug/l	98
79) 2-Chlorotoluene	12.769	91	116894	19.881	ug/l	98
80) 1,3,5-Trimethylbenzene	12.824	105	147095	20.209	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.391	75	10649	21.613	ug/l	90
82) 4-Chlorotoluene	12.867	91	122684	20.193	ug/l	98
83) tert-Butylbenzene	13.086	119	129926	20.266	ug/l	99
84) 1,2,4-Trimethylbenzene	13.135	105	146840	20.489	ug/l	99
85) sec-Butylbenzene	13.263	105	185766	20.282	ug/l	99
86) p-Isopropyltoluene	13.379	119	160736	20.381	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	80974	20.628	ug/l	99
88) 1,4-Dichlorobenzene	13.458	146	79914	20.831	ug/l	98
89) n-Butylbenzene	13.708	91	146138	20.065	ug/l	96
90) Hexachloroethane	13.970	117	30490	20.041	ug/l	95
91) 1,2-Dichlorobenzene	13.751	146	71802	21.346	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4917	21.334	ug/l	87
93) 1,2,4-Trichlorobenzene	15.019	180	42557	21.675	ug/l	98
94) Hexachlorobutadiene	15.123	225	24929	22.162	ug/l	99
95) Naphthalene	15.245	128	78738	22.422	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	36440	22.439	ug/l	99

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

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