

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016319.D
 Acq On : 13 Nov 2023 11:15
 Operator : SY/MD
 Sample : VY1113SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

Quant Time: Nov 14 04:36:58 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	7.813	168	158926	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	257209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	222864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	102632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	70020	48.206	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.420%		
35) Dibromofluoromethane	7.740	113	74012	50.655	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.300%		
50) Toluene-d8	10.197	98	289931	48.933	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.860%		
62) 4-Bromofluorobenzene	12.495	95	92537	48.087	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	30523	19.614	ug/l	95
3) Chloromethane	2.125	50	34745	19.065	ug/l	100
4) Vinyl Chloride	2.266	62	36228	18.486	ug/l	100
5) Bromomethane	2.662	94	23687	18.392	ug/l	94
6) Chloroethane	2.814	64	23200	18.553	ug/l	93
7) Trichlorofluoromethane	3.143	101	58338	20.461	ug/l	99
8) Diethyl Ether	3.552	74	17213	20.200	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.924	101	34039	19.822	ug/l	96
10) Methyl Iodide	4.113	142	35356	19.063	ug/l	98
11) Tert butyl alcohol	4.985	59	9501	83.530	ug/l #	85
12) 1,1-Dichloroethene	3.899	96	31545	19.642	ug/l	87
13) Acrolein	3.747	56	13659	99.559	ug/l	100
14) Allyl chloride	4.503	41	45417	19.928	ug/l #	91
15) Acrylonitrile	5.192	53	33576	99.286	ug/l	99
16) Acetone	3.966	43	28460	118.452	ug/l #	89
17) Carbon Disulfide	4.223	76	87753	18.110	ug/l	99
18) Methyl Acetate	4.497	43	25561	20.021	ug/l	91
19) Methyl tert-butyl Ether	5.247	73	77919	20.046	ug/l	98
20) Methylene Chloride	4.741	84	39529	21.290	ug/l	89
21) trans-1,2-Dichloroethene	5.253	96	36029	19.484	ug/l	91
22) Diisopropyl ether	6.143	45	101444	20.654	ug/l	89
23) Vinyl Acetate	6.088	43	237162	99.653	ug/l #	91
24) 1,1-Dichloroethane	6.045	63	61214	20.202	ug/l	96
25) 2-Butanone	7.009	43	45226	107.467	ug/l	91
26) 2,2-Dichloropropane	7.009	77	56526	20.497	ug/l	96
27) cis-1,2-Dichloroethene	7.015	96	40312	20.229	ug/l	92
28) Bromochloromethane	7.362	49	23253	20.735	ug/l	88
29) Tetrahydrofuran	7.374	42	26729	96.092	ug/l	91
30) Chloroform	7.527	83	64567	20.472	ug/l	96
31) Cyclohexane	7.807	56	54058	18.903	ug/l	86
32) 1,1,1-Trichloroethane	7.728	97	58328	20.175	ug/l	97
36) 1,1-Dichloropropene	7.941	75	50047	19.726	ug/l	99
37) Ethyl Acetate	7.100	43	19584	19.104	ug/l	95
38) Carbon Tetrachloride	7.923	117	53308	20.245	ug/l	99
39) Methylcyclohexane	9.203	83	58871	18.622	ug/l	93
40) Benzene	8.179	78	143939	20.193	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	13291m	25.714	ug/l	
42) 1,2-Dichloroethane	8.258	62	37693	20.409	ug/l	93
43) Isopropyl Acetate	8.289	43	37879	19.116	ug/l #	91
44) Trichloroethene	8.960	130	41023	20.025	ug/l	99
45) 1,2-Dichloropropane	9.234	63	35269	20.603	ug/l	95
46) Dibromomethane	9.325	93	18973	20.453	ug/l	97
47) Bromodichloromethane	9.514	83	48524	20.346	ug/l	97
48) Methyl methacrylate	9.313	41	21260	19.413	ug/l	85
49) 1,4-Dioxane	9.319	88	3687	374.373	ug/l #	54
51) 4-Methyl-2-Pentanone	10.087	43	96925	96.731	ug/l	90
52) Toluene	10.258	92	91739	20.360	ug/l	95
53) t-1,3-Dichloropropene	10.484	75	46720	20.208	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	56484	20.455	ug/l	92
55) 1,1,2-Trichloroethane	10.660	97	26709	20.889	ug/l	94
56) Ethyl methacrylate	10.526	69	23802	19.721	ug/l #	83
57) 1,3-Dichloropropane	10.807	76	45050	20.670	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	78441	95.847	ug/l	92
59) 2-Hexanone	10.849	43	81027	108.715	ug/l	89
60) Dibromochloromethane	11.002	129	33433	20.908	ug/l	98
61) 1,2-Dibromoethane	11.105	107	24736	20.307	ug/l	99
64) Tetrachloroethene	10.740	164	40270	20.124	ug/l	95
65) Chlorobenzene	11.532	112	98403	20.666	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	36916	21.020	ug/l	99
67) Ethyl Benzene	11.605	91	174369	20.377	ug/l	99
68) m/p-Xylenes	11.721	106	133215	41.044	ug/l	94
69) o-Xylene	12.044	106	61110	20.279	ug/l	98
70) Styrene	12.063	104	88581	20.529	ug/l	99
71) Bromoform	12.227	173	18895	20.735	ug/l #	96
73) Isopropylbenzene	12.343	105	168492	20.274	ug/l	100
74) N-amyl acetate	12.160	43	31794	19.045	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.599	83	27228	20.417	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	18742m	19.036	ug/l	
77) Bromobenzene	12.623	156	38086	20.276	ug/l	96
78) n-propylbenzene	12.684	91	201395	20.505	ug/l	100
79) 2-Chlorotoluene	12.770	91	110470	20.409	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	137802	20.565	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	9078	20.014	ug/l	91
82) 4-Chlorotoluene	12.867	91	115045	20.569	ug/l	99
83) tert-Butylbenzene	13.093	119	122907	20.825	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	133362	20.213	ug/l	98
85) sec-Butylbenzene	13.270	105	172062	20.406	ug/l	99
86) p-Isopropyltoluene	13.386	119	148462	20.448	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	75241	20.821	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	72789	20.610	ug/l	98
89) n-Butylbenzene	13.709	91	136298	20.328	ug/l	98
90) Hexachloroethane	13.977	117	28505	20.353	ug/l	90
91) 1,2-Dichlorobenzene	13.757	146	63315	20.446	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3872	18.249	ug/l	91
93) 1,2,4-Trichlorobenzene	15.019	180	36432	20.156	ug/l	99
94) Hexachlorobutadiene	15.129	225	22117	21.358	ug/l	97
95) Naphthalene	15.251	128	62071	19.201	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	29814	19.942	ug/l	98

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

