

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012236.D
 Acq On : 18 Jan 2023 11:14
 Operator : KP/MD
 Sample : VY0118SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0118SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

Quant Time: Jan 19 00:33:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	208749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	317113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	288382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	82354	47.390	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.780%		
35) Dibromofluoromethane	7.716	113	76664	45.657	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.320%		
50) Toluene-d8	10.179	98	284540	48.805	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.600%		
62) 4-Bromofluorobenzene	12.483	95	106549	45.014	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	38487	21.097	ug/l	98
3) Chloromethane	2.113	50	33232	19.733	ug/l	99
4) Vinyl Chloride	2.253	62	39754	20.224	ug/l	100
5) Bromomethane	2.643	94	32430	21.339	ug/l	98
6) Chloroethane	2.790	64	25959	20.249	ug/l	98
7) Trichlorofluoromethane	3.125	101	76241	19.873	ug/l	99
8) Diethyl Ether	3.527	74	21646	18.961	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.905	101	38696	20.724	ug/l	95
10) Methyl Iodide	4.094	142	45263	15.951	ug/l	97
11) Tert butyl alcohol	4.942	59	23814	109.034	ug/l	95
12) 1,1-Dichloroethene	3.875	96	38316	19.985	ug/l	90
13) Acrolein	3.735	56	10914	125.662	ug/l	95
14) Allyl chloride	4.485	41	46242	19.506	ug/l #	88
15) Acrylonitrile	5.161	53	47986	96.234	ug/l	99
16) Acetone	3.942	43	50244	86.438	ug/l	97
17) Carbon Disulfide	4.198	76	116806	19.697	ug/l	98
18) Methyl Acetate	4.478	43	23452	18.030	ug/l #	86
19) Methyl tert-butyl Ether	5.222	73	101431	18.979	ug/l	94
20) Methylene Chloride	4.716	84	48793	14.390	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	42650	19.935	ug/l	92
22) Diisopropyl ether	6.118	45	94034	19.897	ug/l #	91
23) Vinyl Acetate	6.064	43	286682	97.346	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	65831	20.082	ug/l	97
25) 2-Butanone	6.984	43	59512	92.739	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	69500	19.530	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	46442	19.762	ug/l	94
28) Bromochloromethane	7.338	49	13788	19.259	ug/l #	72
29) Tetrahydrofuran	7.344	42	33247	94.321	ug/l #	81
30) Chloroform	7.508	83	76281	19.713	ug/l	99
31) Cyclohexane	7.789	56	59923	19.688	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	74255	19.383	ug/l	98
36) 1,1-Dichloropropene	7.917	75	57353	20.098	ug/l	97
37) Ethyl Acetate	7.076	43	24404	19.399	ug/l #	95
38) Carbon Tetrachloride	7.899	117	71499	19.400	ug/l	99
39) Methylcyclohexane	9.179	83	70807	20.304	ug/l	90
40) Benzene	8.161	78	163410	19.840	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	11992m	16.217	ug/l	
42) 1,2-Dichloroethane	8.234	62	50008	19.071	ug/l	100
43) Isopropyl Acetate	8.270	43	45035	19.241	ug/l #	94
44) Trichloroethene	8.941	130	49029	19.916	ug/l	95
45) 1,2-Dichloropropane	9.215	63	34856	20.281	ug/l	98
46) Dibromomethane	9.307	93	22626	19.665	ug/l	94
47) Bromodichloromethane	9.496	83	55664	19.220	ug/l	97
48) Methyl methacrylate	9.289	41	19828	18.386	ug/l	86
49) 1,4-Dioxane	9.295	88	6008	383.221	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	121198	97.111	ug/l	95
52) Toluene	10.246	92	110373	20.126	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	57872	19.103	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	63870	19.577	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	31910	19.521	ug/l	98
56) Ethyl methacrylate	10.508	69	41534	19.367	ug/l	93
57) 1,3-Dichloropropane	10.788	76	52779	19.770	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	71265	100.429	ug/l	91
59) 2-Hexanone	10.831	43	90930	95.696	ug/l	94
60) Dibromochloromethane	10.983	129	42477	19.592	ug/l	98
61) 1,2-Dibromoethane	11.087	107	30797	19.524	ug/l	100
64) Tetrachloroethene	10.721	164	54804	20.827	ug/l	98
65) Chlorobenzene	11.514	112	115805	19.626	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	44534	19.996	ug/l	98
67) Ethyl Benzene	11.593	91	211515	20.058	ug/l	99
68) m/p-Xylenes	11.703	106	167576	40.192	ug/l	98
69) o-Xylene	12.032	106	78258	19.651	ug/l	98
70) Styrene	12.044	104	134441	20.205	ug/l	99
71) Bromoform	12.209	173	27708	19.473	ug/l #	95
73) Isopropylbenzene	12.331	105	212755	19.871	ug/l	99
74) N-amyl acetate	12.142	43	39641	18.887	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	33368	19.786	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	23773m	17.412	ug/l	
77) Bromobenzene	12.611	156	51210	19.877	ug/l	91
78) n-propylbenzene	12.672	91	249557	19.918	ug/l	99
79) 2-Chlorotoluene	12.757	91	140374	19.816	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	185991	19.983	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	13102	19.772	ug/l	96
82) 4-Chlorotoluene	12.855	91	145679	19.578	ug/l	96
83) tert-Butylbenzene	13.075	119	156810	19.330	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	181615	19.786	ug/l	100
85) sec-Butylbenzene	13.251	105	231208	20.018	ug/l	98
86) p-Isopropyltoluene	13.373	119	200943	19.913	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	100461	19.606	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	101369	19.837	ug/l	100
89) n-Butylbenzene	13.696	91	173842	19.879	ug/l	98
90) Hexachloroethane	13.965	117	36480	20.025	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	89709	19.621	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6655	19.095	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	54911	18.744	ug/l	99
94) Hexachlorobutadiene	15.111	225	35586	20.175	ug/l	99
95) Naphthalene	15.239	128	107595	18.607	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	48539	19.254	ug/l	99

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

