

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120722\
 Data File : VY011724.D
 Acq On : 07 Dec 2022 11:33
 Operator : KP/MD
 Sample : VY1207SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1207SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

Quant Time: Dec 08 07:55:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	195247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	297969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	272811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97541	49.200	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.400%		
35) Dibromofluoromethane	7.716	113	95728	52.188	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.380%		
50) Toluene-d8	10.179	98	321593	48.247	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.500%		
62) 4-Bromofluorobenzene	12.477	95	128087	51.973	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	32868	28.193	ug/l	99
3) Chloromethane	2.113	50	33055	16.987	ug/l	93
4) Vinyl Chloride	2.247	62	39422	17.851	ug/l	99
5) Bromomethane	2.637	94	26562	16.137	ug/l	98
6) Chloroethane	2.790	64	25807	16.749	ug/l	97
7) Trichlorofluoromethane	3.119	101	71691	22.132	ug/l	93
8) Diethyl Ether	3.527	74	22645	21.630	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	40202	21.463	ug/l	97
10) Methyl Iodide	4.088	142	43278	19.831	ug/l	96
11) Tert butyl alcohol	4.942	59	36041	156.640	ug/l	97
12) 1,1-Dichloroethene	3.869	96	35829	20.882	ug/l	88
13) Acrolein	3.729	56	7300	139.648	ug/l	99
14) Allyl chloride	4.479	41	59202	19.655	ug/l #	91
15) Acrylonitrile	5.161	53	62947	110.081	ug/l	97
16) Acetone	3.942	43	66817	103.759	ug/l	95
17) Carbon Disulfide	4.186	76	93449	19.651	ug/l	99
18) Methyl Acetate	4.479	43	37442	23.869	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	106803	21.811	ug/l	98
20) Methylene Chloride	4.710	84	55895	15.792	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	40994	20.675	ug/l	90
22) Diisopropyl ether	6.112	45	128038	19.474	ug/l #	97
23) Vinyl Acetate	6.051	43	374717	97.840	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	77429	20.058	ug/l	98
25) 2-Butanone	6.984	43	88853	104.989	ug/l #	82
26) 2,2-Dichloropropane	6.978	77	75256	21.122	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	48288	20.687	ug/l	92
28) Bromochloromethane	7.326	49	28011	18.062	ug/l #	84
29) Tetrahydrofuran	7.344	42	50069	104.760	ug/l #	88
30) Chloroform	7.502	83	83303	20.808	ug/l	99
31) Cyclohexane	7.783	56	63140	19.214	ug/l #	91
32) 1,1,1-Trichloroethane	7.697	97	75138	20.981	ug/l	96
36) 1,1-Dichloropropene	7.911	75	59402	20.718	ug/l	98
37) Ethyl Acetate	7.069	43	34804	21.317	ug/l	96
38) Carbon Tetrachloride	7.899	117	69796	21.758	ug/l	99
39) Methylcyclohexane	9.179	83	67546	21.110	ug/l	94
40) Benzene	8.161	78	173319	20.752	ug/l	97

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41) Methacrylonitrile	7.307	41	19105m	23.144	ug/l	
42) 1,2-Dichloroethane	8.234	62	53644	20.768	ug/l	92
43) Isopropyl Acetate	8.271	43	61363	20.834	ug/l #	90
44) Trichloroethene	8.941	130	47058	20.941	ug/l	99
45) 1,2-Dichloropropane	9.215	63	43712	20.475	ug/l	97
46) Dibromomethane	9.301	93	24936	20.890	ug/l	98
47) Bromodichloromethane	9.496	83	62552	20.804	ug/l	97
48) Methyl methacrylate	9.289	41	26573	20.312	ug/l #	86
49) 1,4-Dioxane	9.295	88	7012	474.341	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	172118	105.122	ug/l	91
52) Toluene	10.240	92	111041	21.024	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	62739	20.875	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	70100	20.733	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	36913	21.615	ug/l	92
56) Ethyl methacrylate	10.508	69	46006	21.661	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	60340	20.863	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	115229	110.776	ug/l	96
59) 2-Hexanone	10.831	43	124854	106.842	ug/l	89
60) Dibromochloromethane	10.983	129	44863	21.436	ug/l	98
61) 1,2-Dibromoethane	11.087	107	33663	21.595	ug/l	99
64) Tetrachloroethene	10.721	164	47457	21.110	ug/l	98
65) Chlorobenzene	11.514	112	121041	21.188	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	46165	21.321	ug/l	98
67) Ethyl Benzene	11.593	91	209478	20.308	ug/l	97
68) m/p-Xylenes	11.703	106	165231	42.081	ug/l	97
69) o-Xylene	12.026	106	76196	20.843	ug/l	98
70) Styrene	12.044	104	131723	21.109	ug/l	97
71) Bromoform	12.209	173	29302	22.245	ug/l #	98
73) Isopropylbenzene	12.331	105	212492	20.936	ug/l	99
74) N-amyl acetate	12.142	43	50179	20.020	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	42716	21.358	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	31808m	21.046	ug/l	
77) Bromobenzene	12.605	156	50707	21.395	ug/l	93
78) n-propylbenzene	12.666	91	257361	20.784	ug/l	99
79) 2-Chlorotoluene	12.758	91	144019	20.635	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	179264	20.953	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	14762	21.394	ug/l	91
82) 4-Chlorotoluene	12.855	91	150437	20.614	ug/l	99
83) tert-Butylbenzene	13.075	119	155442	20.858	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	177003	20.947	ug/l	99
85) sec-Butylbenzene	13.251	105	232984	20.953	ug/l	99
86) p-Isopropyltoluene	13.367	119	194600	20.970	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	99688	20.663	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	98177	20.351	ug/l	99
89) n-Butylbenzene	13.696	91	173996	20.397	ug/l	100
90) Hexachloroethane	13.959	117	37857	20.202	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	88443	20.681	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7549	23.015	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	49861	21.020	ug/l	98
94) Hexachlorobutadiene	15.111	225	32992	22.375	ug/l	99
95) Naphthalene	15.233	128	97987	22.141	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	44286	21.785	ug/l	99

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

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