

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
 Data File : VY007204.D
 Acq On : 18 Jan 2022 11:35
 Operator : SY/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 : John Carlone 01/19/2022
 Supervised By : Mahesh Dadoda 01/19/2022

Quant Time: Jan 19 00:31:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	125197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	189104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	75981	49.461	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.920%		
35) Dibromofluoromethane	7.722	113	66666	46.374	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.740%		
50) Toluene-d8	10.179	98	239728	45.638	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.280%		
62) 4-Bromofluorobenzene	12.483	95	88212	47.210	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	7761	17.679	ug/l	92
3) Chloromethane	2.119	50	15760	17.119	ug/l	100
4) Vinyl Chloride	2.260	62	23910	17.845	ug/l	98
5) Bromomethane	2.656	94	16500	19.018	ug/l	92
6) Chloroethane	2.802	64	15735	18.822	ug/l	94
7) Trichlorofluoromethane	3.131	101	27788	19.244	ug/l	98
8) Diethyl Ether	3.534	74	15953	20.063	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.912	101	26318	18.707	ug/l	96
10) Methyl Iodide	4.088	142	37485	18.014	ug/l	96
11) Tert butyl alcohol	4.954	59	14946	111.437	ug/l	100
12) 1,1-Dichloroethene	3.875	96	25358	17.900	ug/l	94
13) Acrolein	3.735	56	3865	113.962	ug/l	92
14) Allyl chloride	4.485	41	44879	19.757	ug/l	97
15) Acrylonitrile	5.168	53	42096	110.154	ug/l	98
16) Acetone	3.948	43	38727	97.139	ug/l	95
17) Carbon Disulfide	4.198	76	65434	16.632	ug/l	99
18) Methyl Acetate	4.479	43	35053	24.710	ug/l	95
19) Methyl tert-butyl Ether	5.229	73	60325	21.629	ug/l	98
20) Methylene Chloride	4.716	84	30915	18.753	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	27464	17.882	ug/l	98
22) Diisopropyl ether	6.125	45	93647	20.350	ug/l	99
23) Vinyl Acetate	6.064	43	271724	100.403	ug/l	97
24) 1,1-Dichloroethane	6.021	63	54494	19.466	ug/l	100
25) 2-Butanone	6.990	43	56773	110.142	ug/l	97
26) 2,2-Dichloropropane	6.984	77	39077	19.154	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	32482	18.644	ug/l	93
29) Tetrahydrofuran	7.350	42	37540	113.296	ug/l	95
30) Chloroform	7.509	83	68205	23.449	ug/l	100
31) Cyclohexane	7.789	56	47939	18.459	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	48656	19.571	ug/l	98
36) 1,1-Dichloropropene	7.917	75	43137	18.788	ug/l	98
37) Ethyl Acetate	7.082	43	26063	22.119	ug/l	96
38) Carbon Tetrachloride	7.905	117	45549	18.861	ug/l	99
39) Methylcyclohexane	9.191	83	50098	17.871	ug/l	97
40) Benzene	8.161	78	113821	18.585	ug/l	95
41) Methacrylonitrile	7.332	41	17004m	25.060	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.240	62	39809	20.641	ug/l	98
43) Isopropyl Acetate	8.277	43	51321	22.384	ug/l	95
44) Trichloroethene	8.941	130	30650	18.494	ug/l	99
45) 1,2-Dichloropropane	9.216	63	30103	19.329	ug/l	92
46) Dibromomethane	9.307	93	18565	20.158	ug/l	95
47) Bromodichloromethane	9.502	83	45813	20.234	ug/l	98
48) Methyl methacrylate	9.295	41	22315	21.399	ug/l	94
49) 1,4-Dioxane	9.313	88	4073	410.158	ug/l #	90
51) 4-Methyl-2-Pentanone	10.075	43	128563	110.591	ug/l	97
52) Toluene	10.246	92	72807	18.755	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	47580	19.907	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	51930	19.410	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	24860	19.900	ug/l	95
56) Ethyl methacrylate	10.514	69	36611	20.803	ug/l	93
57) 1,3-Dichloropropane	10.795	76	44710	20.533	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	90167	112.672	ug/l	98
59) 2-Hexanone	10.831	43	88701	112.430	ug/l	94
60) Dibromochloromethane	10.990	129	30325	19.747	ug/l	97
61) 1,2-Dibromoethane	11.087	107	24606	20.049	ug/l	99
64) Tetrachloroethene	10.721	164	25049	18.377	ug/l	95
65) Chlorobenzene	11.520	112	78558	18.999	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	29653	19.346	ug/l	99
67) Ethyl Benzene	11.593	91	147281	18.951	ug/l	100
68) m/p-Xylenes	11.703	106	107485	37.217	ug/l	97
69) o-Xylene	12.032	106	51660	18.995	ug/l	98
70) Styrene	12.044	104	88292	19.244	ug/l	99
71) Bromoform	12.209	173	18068	20.379	ug/l #	98
73) Isopropylbenzene	12.331	105	141191	18.693	ug/l	99
74) N-amyl acetate	12.148	43	44094	21.831	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	29603	20.155	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	25225m	25.296	ug/l	
77) Bromobenzene	12.611	156	30609	18.624	ug/l	94
78) n-propylbenzene	12.672	91	173633	18.544	ug/l	100
79) 2-Chlorotoluene	12.758	91	97927	18.810	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	115357	18.600	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	11219	20.597	ug/l #	98
82) 4-Chlorotoluene	12.855	91	101425	18.676	ug/l	99
83) tert-Butylbenzene	13.075	119	103180	19.254	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	114139	18.567	ug/l	99
85) sec-Butylbenzene	13.258	105	148076	18.470	ug/l	99
86) p-Isopropyltoluene	13.373	119	122483	18.591	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	60721	18.875	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	60392	18.669	ug/l	98
89) n-Butylbenzene	13.697	91	120940	18.643	ug/l	99
90) Hexachloroethane	13.965	117	24796	19.251	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	53668	18.750	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5346	21.074	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	31696	18.210	ug/l	97
94) Hexachlorobutadiene	15.117	225	16277	18.145	ug/l	98
95) Naphthalene	15.239	128	71724	19.401	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	28015	18.865	ug/l	98

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

