

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082521\
 Data File : VY005831.D
 Acq On : 25 Aug 2021 11:45
 Operator : SY/MD
 Sample : VY0825SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0825SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/26/2021 5:50:26 PM

Quant Time: Aug 26 03:36:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	201497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	288988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	264204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102169	50.091	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.180%	
35) Dibromofluoromethane	7.722	113	85627	52.922	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.840%	
50) Toluene-d8	10.179	98	337772	49.777	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.560%	
62) 4-Bromofluorobenzene	12.483	95	118536	52.751	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	40062	24.207	ug/l	100
3) Chloromethane	2.119	50	44217	22.367	ug/l	98
4) Vinyl Chloride	2.260	62	56945	24.049	ug/l	96
5) Bromomethane	2.650	94	38130	24.464	ug/l	96
6) Chloroethane	2.796	64	33229	23.248	ug/l	96
7) Trichlorofluoromethane	3.131	101	73172	23.080	ug/l	100
8) Diethyl Ether	3.534	74	23529	21.249	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.906	101	39835	23.165	ug/l	100
10) Methyl Iodide	4.101	142	40936	19.107	ug/l	100
11) Tert butyl alcohol	4.966	59	20208	100.221	ug/l	99
12) 1,1-Dichloroethene	3.881	96	38360	22.090	ug/l	97
13) Acrolein	3.741	56	8200	67.404	ug/l	100
14) Allyl chloride	4.491	41	66275	21.791	ug/l	98
15) Acrylonitrile	5.174	53	60594	106.778	ug/l	99
16) Acetone	3.954	43	62102	120.763	ug/l	99
17) Carbon Disulfide	4.204	76	108994	20.361	ug/l	98
18) Methyl Acetate	4.485	43	28970	21.540	ug/l	100
19) Methyl tert-butyl Ether	5.235	73	116665	21.687	ug/l	96
20) Methylene Chloride	4.723	84	53505	22.971	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	42637	21.962	ug/l	95
22) Diisopropyl ether	6.131	45	141291	22.518	ug/l	99
23) Vinyl Acetate	6.070	43	452426	108.347	ug/l	100
24) 1,1-Dichloroethane	6.027	63	79059	22.736	ug/l	98
25) 2-Butanone	6.997	43	84640	111.345	ug/l	97
26) 2,2-Dichloropropane	6.984	77	74858	23.563	ug/l	99
27) cis-1,2-Dichloroethene	6.997	96	48870	22.132	ug/l	98
28) Bromochloromethane	7.338	49	35880	25.853	ug/l	98
29) Tetrahydrofuran	7.356	42	51844	103.115	ug/l	99
30) Chloroform	7.509	83	80881	22.789	ug/l	98
31) Cyclohexane	7.789	56	74020	21.157	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	75637	23.183	ug/l	100
36) 1,1-Dichloropropene	7.923	75	62910	23.210	ug/l	98
37) Ethyl Acetate	7.082	43	35817	21.812	ug/l	99
38) Carbon Tetrachloride	7.905	117	69277	23.516	ug/l	97
39) Methylcyclohexane	9.185	83	76120	22.074	ug/l	98
40) Benzene	8.167	78	174172	22.439	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	21872m	24.549	ug/l	
42) 1,2-Dichloroethane	8.246	62	57244	22.736	ug/l	100
43) Isopropyl Acetate	8.277	43	67819	21.815	ug/l	100
44) Trichloroethene	8.941	130	49143	23.198	ug/l	99
45) 1,2-Dichloropropane	9.222	63	43900	22.607	ug/l	99
46) Dibromomethane	9.307	93	24703	23.007	ug/l	97
47) Bromodichloromethane	9.502	83	63116	23.488	ug/l	99
48) Methyl methacrylate	9.295	41	30717	21.863	ug/l	99
49) 1,4-Dioxane	9.307	88	6385	427.886	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	180661	110.347	ug/l	99
52) Toluene	10.246	92	112494	22.730	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	67588	22.506	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	75149	23.058	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	35609	22.921	ug/l	98
56) Ethyl methacrylate	10.514	69	51783	22.260	ug/l	99
57) 1,3-Dichloropropane	10.795	76	62736	22.900	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	128270	115.401	ug/l	100
59) 2-Hexanone	10.837	43	130965	113.177	ug/l	99
60) Dibromochloromethane	10.990	129	43147	22.442	ug/l	98
61) 1,2-Dibromoethane	11.087	107	33044	22.454	ug/l	99
64) Tetrachloroethene	10.721	164	51479	25.598	ug/l	98
65) Chlorobenzene	11.520	112	122046	22.955	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	46116	23.046	ug/l	99
67) Ethyl Benzene	11.593	91	218107	22.623	ug/l	99
68) m/p-Xylenes	11.703	106	172518	46.072	ug/l	100
69) o-Xylene	12.032	106	81367	22.608	ug/l	100
70) Styrene	12.044	104	138633	22.884	ug/l	99
71) Bromoform	12.209	173	29598	22.808	ug/l #	100
73) Isopropylbenzene	12.331	105	219069	21.588	ug/l	100
74) N-amyl acetate	12.148	43	63006	20.625	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	40635	20.819	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	34944m	23.195	ug/l	
77) Bromobenzene	12.611	156	53223	21.347	ug/l	98
78) n-propylbenzene	12.672	91	264245	21.924	ug/l	100
79) 2-Chlorotoluene	12.758	91	146040	21.578	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	185128	21.982	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	15903	21.279	ug/l	98
82) 4-Chlorotoluene	12.855	91	151656	21.657	ug/l	98
83) tert-Butylbenzene	13.075	119	164563	21.776	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	180891	21.768	ug/l	98
85) sec-Butylbenzene	13.258	105	244945	22.472	ug/l	99
86) p-Isopropyltoluene	13.367	119	208273	22.256	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	107471	22.091	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	105627	21.887	ug/l	98
89) n-Butylbenzene	13.697	91	191881	22.633	ug/l	99
90) Hexachloroethane	13.959	117	38074	22.630	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	95493	22.223	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8071	21.813	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	66101	22.394	ug/l	100
94) Hexachlorobutadiene	15.111	225	43855	22.946	ug/l	99
95) Naphthalene	15.239	128	122698	21.086	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	57890	22.137	ug/l	99

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

