

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
 Data File : VY006090.D
 Acq On : 20 Sep 2021 12:08
 Operator : SY/MD
 Sample : VY0920SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Manual Integrations
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 9/21/2021 6:58:55 PM

Quant Time: Sep 21 02:10:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	144555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	216603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	197911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	91561	45.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.200%
35) Dibromofluoromethane	7.728	113	66223	49.223	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.440%
50) Toluene-d8	10.185	98	281914	49.166	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.483	95	94838	48.715	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	30465	19.950	ug/l	99
3) Chloromethane	2.113	50	35486	18.688	ug/l	98
4) Vinyl Chloride	2.253	62	41340	19.281	ug/l	100
5) Bromomethane	2.662	94	29758	21.394	ug/l	98
6) Chloroethane	2.802	64	27768	21.596	ug/l	95
7) Trichlorofluoromethane	3.131	101	58484	20.925	ug/l	96
8) Diethyl Ether	3.534	74	18597	20.240	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	28980	20.768	ug/l	96
10) Methyl Iodide	4.101	142	30612	20.723	ug/l	96
11) Tert butyl alcohol	5.040	59	13585m	3.621	ug/l	
12) 1,1-Dichloroethene	3.881	96	29094	20.158	ug/l	96
13) Acrolein	3.747	56	8664	71.810	ug/l	95
14) Allyl chloride	4.491	41	56106	18.210	ug/l	99
15) Acrylonitrile	5.180	53	48114	91.932	ug/l	100
16) Acetone	3.973	43	46397	84.245	ug/l	99
17) Carbon Disulfide	4.204	76	97877	20.305	ug/l	99
18) Methyl Acetate	4.491	43	24622	17.748	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	91868	19.743	ug/l	96
20) Methylene Chloride	4.729	84	40438	20.821	ug/l #	91
21) trans-1,2-Dichloroethene	5.228	96	32660	20.180	ug/l	97
22) Diisopropyl ether	6.131	45	113208	18.909	ug/l	99
23) Vinyl Acetate	6.070	43	350303	92.729	ug/l	97
24) 1,1-Dichloroethane	6.027	63	59046	19.250	ug/l	99
25) 2-Butanone	7.003	43	63336	83.438	ug/l	94
26) 2,2-Dichloropropane	6.984	77	56747	19.529	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	36017	19.947	ug/l	98
28) Bromochloromethane	7.344	49	22279	16.534	ug/l	90
29) Tetrahydrofuran	7.362	42	41096	86.141	ug/l	94
30) Chloroform	7.515	83	61714	20.066	ug/l	98
31) Cyclohexane	7.789	56	59704	18.561	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	57826	20.025	ug/l	99
36) 1,1-Dichloropropene	7.923	75	46658	19.957	ug/l	98
37) Ethyl Acetate	7.082	43	30785	19.061	ug/l	98
38) Carbon Tetrachloride	7.905	117	52220	20.518	ug/l	98
39) Methylcyclohexane	9.185	83	59257	20.450	ug/l	99
40) Benzene	8.167	78	136015	20.288	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	17615	18.674	ug/l #	37
42) 1,2-Dichloroethane	8.246	62	47049	19.845	ug/l	98
43) Isopropyl Acetate	8.283	43	56536	18.793	ug/l	97
44) Trichloroethene	8.947	130	35058	20.984	ug/l	98
45) 1,2-Dichloropropane	9.222	63	31754	19.146	ug/l	97
46) Dibromomethane	9.307	93	18178	20.250	ug/l	94
47) Bromodichloromethane	9.502	83	46233	20.009	ug/l	100
48) Methyl methacrylate	9.295	41	25835	18.586	ug/l	96
49) 1,4-Dioxane	9.331	88	4500m	363.241	ug/l	
51) 4-Methyl-2-Pentanone	10.075	43	147260	91.822	ug/l	98
52) Toluene	10.246	92	85838	20.778	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	51613	20.335	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	54370	19.862	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	25866	20.969	ug/l	98
56) Ethyl methacrylate	10.514	69	39593	20.078	ug/l	94
57) 1,3-Dichloropropane	10.795	76	46321	20.373	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	104133	100.871	ug/l	97
59) 2-Hexanone	10.837	43	102943	92.979	ug/l	97
60) Dibromochloromethane	10.990	129	31877	20.960	ug/l	100
61) 1,2-Dibromoethane	11.093	107	24037	20.630	ug/l	98
64) Tetrachloroethene	10.721	164	36731	22.691	ug/l	95
65) Chlorobenzene	11.520	112	88380	20.870	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	33709	21.357	ug/l	98
67) Ethyl Benzene	11.593	91	164996	20.498	ug/l	100
68) m/p-Xylenes	11.703	106	126879	41.569	ug/l	99
69) o-Xylene	12.032	106	60324	20.925	ug/l	95
70) Styrene	12.044	104	104063	21.072	ug/l	98
71) Bromoform	12.209	173	21385	21.638	ug/l #	100
73) Isopropylbenzene	12.331	105	162441	20.165	ug/l	99
74) N-amyl acetate	12.148	43	51415	18.483	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	29271	19.529	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	20789m	18.954	ug/l	
77) Bromobenzene	12.611	156	38205	20.325	ug/l	93
78) n-propylbenzene	12.672	91	198510	19.917	ug/l	100
79) 2-Chlorotoluene	12.758	91	108449	20.012	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	135983	20.354	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	11725	19.654	ug/l	97
82) 4-Chlorotoluene	12.855	91	113463	20.256	ug/l	99
83) tert-Butylbenzene	13.075	119	115385	20.193	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	134237	20.252	ug/l	99
85) sec-Butylbenzene	13.251	105	174240	20.370	ug/l	98
86) p-Isopropyltoluene	13.373	119	147725	20.229	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	75640	20.866	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	76052	20.916	ug/l	99
89) n-Butylbenzene	13.696	91	138886	20.338	ug/l	99
90) Hexachloroethane	13.965	117	27033	20.570	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	68537	21.537	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6119	20.578	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	45358	21.949	ug/l	99
94) Hexachlorobutadiene	15.111	225	29021	21.705	ug/l	98
95) Naphthalene	15.239	128	92922	22.608	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	40661	22.705	ug/l	99

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

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