

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062521\
 Data File : VY005221.D
 Acq On : 25 Jun 2021 12:33
 Operator : SY/MD
 Sample : VY0625SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0625SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/28/2021 11:57:57 AM

Quant Time: Jun 26 05:09:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	302709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	428975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	395218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	205062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	123960	49.346	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.700%		
35) Dibromofluoromethane	7.728	113	121727	48.115	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.240%		
50) Toluene-d8	10.185	98	494111	48.838	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.680%		
62) 4-Bromofluorobenzene	12.483	95	163406	48.469	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	43149	21.678	ug/l	100
3) Chloromethane	2.119	50	54515	20.564	ug/l	98
4) Vinyl Chloride	2.259	62	66580	21.967	ug/l	100
5) Bromomethane	2.650	94	43136	22.438	ug/l	96
6) Chloroethane	2.796	64	40369	20.367	ug/l	98
7) Trichlorofluoromethane	3.131	101	84322	20.810	ug/l	97
8) Diethyl Ether	3.534	74	31133	20.539	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	51544	20.778	ug/l	99
10) Methyl Iodide	4.101	142	66552	18.859	ug/l	98
11) Tert butyl alcohol	4.972	59	29202	39.375	ug/l	100
12) 1,1-Dichloroethene	3.881	96	51296	20.467	ug/l	99
13) Acrolein	3.741	56	14517	117.610	ug/l	95
14) Allyl chloride	4.491	41	74223	20.617	ug/l	99
15) Acrylonitrile	5.180	53	73292	104.087	ug/l	99
16) Acetone	3.960	43	59069	101.788	ug/l	99
17) Carbon Disulfide	4.204	76	162400	20.602	ug/l	99
18) Methyl Acetate	4.491	43	31432	20.381	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	136390	19.904	ug/l	98
20) Methylene Chloride	4.728	84	62753	14.153	ug/l	95
21) trans-1,2-Dichloroethene	5.228	96	56740	20.332	ug/l	97
22) Diisopropyl ether	6.131	45	156045	20.851	ug/l	98
23) Vinyl Acetate	6.070	43	502687	103.795	ug/l	98
24) 1,1-Dichloroethane	6.027	63	95401	20.540	ug/l	98
25) 2-Butanone	6.996	43	87462	103.360	ug/l	100
26) 2,2-Dichloropropane	6.990	77	83081	20.512	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	63413	20.204	ug/l	98
28) Bromochloromethane	7.344	49	38538	20.737	ug/l	97
29) Tetrahydrofuran	7.362	42	57141	102.635	ug/l	98
30) Chloroform	7.515	83	96516	20.420	ug/l	99
31) Cyclohexane	7.789	56	91098	20.313	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	87479	20.751	ug/l	99
36) 1,1-Dichloropropene	7.929	75	76076	20.140	ug/l	100
37) Ethyl Acetate	7.088	43	39206	20.127	ug/l	98
38) Carbon Tetrachloride	7.905	117	80656	20.398	ug/l	99
39) Methylcyclohexane	9.185	83	96502	19.740	ug/l	99
40) Benzene	8.167	78	225722	20.265	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	20434m	18.915	ug/l	
42) 1,2-Dichloroethane	8.246	62	60907	20.132	ug/l	100
43) Isopropyl Acetate	8.283	43	71901	20.082	ug/l	100
44) Trichloroethene	8.947	130	64190	20.384	ug/l	100
45) 1,2-Dichloropropane	9.222	63	54422	20.419	ug/l	98
46) Dibromomethane	9.313	93	31304	20.196	ug/l	99
47) Bromodichloromethane	9.502	83	73848	20.319	ug/l	99
48) Methyl methacrylate	9.301	41	31741	20.207	ug/l	97
49) 1,4-Dioxane	9.307	88	8768	430.159	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	193086	103.032	ug/l	99
52) Toluene	10.246	92	145253	20.402	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	80372	20.202	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	91623	20.427	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	45298	20.012	ug/l	98
56) Ethyl methacrylate	10.514	69	60926	19.828	ug/l	97
57) 1,3-Dichloropropane	10.794	76	77015	20.314	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	143418	105.824	ug/l	100
59) 2-Hexanone	10.837	43	132713	102.963	ug/l	99
60) Dibromochloromethane	10.990	129	55373	19.970	ug/l	100
61) 1,2-Dibromoethane	11.093	107	43388	19.705	ug/l	100
64) Tetrachloroethene	10.721	164	58400	20.024	ug/l	99
65) Chlorobenzene	11.520	112	156968	20.038	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	58732	20.200	ug/l	100
67) Ethyl Benzene	11.599	91	269417	19.946	ug/l	100
68) m/p-Xylenes	11.709	106	218007	40.284	ug/l	100
69) o-Xylene	12.032	106	102511	20.004	ug/l	99
70) Styrene	12.050	104	173778	20.168	ug/l	100
71) Bromoform	12.209	173	39830	20.133	ug/l #	99
73) Isopropylbenzene	12.331	105	267742	20.131	ug/l	99
74) N-amyl acetate	12.148	43	62700	19.919	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	51871	19.792	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	36744m	20.204	ug/l	
77) Bromobenzene	12.611	156	69472	19.685	ug/l	97
78) n-propylbenzene	12.672	91	318200	20.289	ug/l	100
79) 2-Chlorotoluene	12.758	91	179404	20.278	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	224483	20.402	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	19794	20.307	ug/l	99
82) 4-Chlorotoluene	12.855	91	186858	20.415	ug/l	100
83) tert-Butylbenzene	13.081	119	204216	20.819	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	222629	20.466	ug/l	99
85) sec-Butylbenzene	13.257	105	291431	20.422	ug/l	100
86) p-Isopropyltoluene	13.373	119	250466	20.342	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	136946	20.324	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	135420	20.324	ug/l	99
89) n-Butylbenzene	13.696	91	220293	20.367	ug/l	99
90) Hexachloroethane	13.965	117	45790	20.587	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	119165	19.950	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8485	19.437	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	83731	19.889	ug/l	99
94) Hexachlorobutadiene	15.117	225	53555	20.326	ug/l	99
95) Naphthalene	15.239	128	153070	19.699	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	74545	20.105	ug/l	99

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

