

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062521\
 Data File : VY005222.D
 Acq On : 25 Jun 2021 12:56
 Operator : SY/MD
 Sample : VY0625SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0625SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/28/2021 11:58:00 AM

Quant Time: Jun 26 05:10:36 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	7.801	168	290469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	408531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	376797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	197513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	132510	54.973	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.940%	
35) Dibromofluoromethane	7.728	113	130093	53.996	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.000%	
50) Toluene-d8	10.185	98	529531	54.958	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.920%	
62) 4-Bromofluorobenzene	12.483	95	175805	54.756	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	42892	22.457	ug/l	100
3) Chloromethane	2.119	50	53321	20.961	ug/l	98
4) Vinyl Chloride	2.260	62	62651	21.541	ug/l	100
5) Bromomethane	2.650	94	44225	23.974	ug/l	97
6) Chloroethane	2.796	64	38304	20.140	ug/l	98
7) Trichlorofluoromethane	3.131	101	84089	21.627	ug/l	100
8) Diethyl Ether	3.540	74	30996	21.310	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	49828	20.933	ug/l	97
10) Methyl Iodide	4.101	142	68244	20.154	ug/l	100
11) Tert butyl alcohol	4.966	59	33702	65.512	ug/l	99
12) 1,1-Dichloroethene	3.881	96	50902	21.166	ug/l	96
13) Acrolein	3.741	56	14427	121.806	ug/l	93
14) Allyl chloride	4.491	41	72959	21.120	ug/l	100
15) Acrylonitrile	5.180	53	73390	108.618	ug/l	100
16) Acetone	3.960	43	57567	103.379	ug/l	95
17) Carbon Disulfide	4.204	76	161666	21.373	ug/l	100
18) Methyl Acetate	4.491	43	31358	21.189	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	138609	21.081	ug/l	97
20) Methylene Chloride	4.729	84	68182	17.441	ug/l	97
21) trans-1,2-Dichloroethene	5.229	96	57259	21.382	ug/l	99
22) Diisopropyl ether	6.131	45	154878	21.567	ug/l	97
23) Vinyl Acetate	6.076	43	504347	108.526	ug/l	100
24) 1,1-Dichloroethane	6.027	63	94751	21.259	ug/l	98
25) 2-Butanone	6.996	43	87773	108.098	ug/l	95
26) 2,2-Dichloropropane	6.996	77	83060	21.371	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	64486	21.411	ug/l	100
28) Bromochloromethane	7.344	49	35322	19.808	ug/l	99
29) Tetrahydrofuran	7.362	42	57581	107.784	ug/l	99
30) Chloroform	7.515	83	97894	21.584	ug/l	100
31) Cyclohexane	7.789	56	89192	20.726	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	87332	21.589	ug/l	100
36) 1,1-Dichloropropene	7.923	75	75378	20.954	ug/l	99
37) Ethyl Acetate	7.088	43	38776	20.902	ug/l	99
38) Carbon Tetrachloride	7.911	117	81692	21.693	ug/l	98
39) Methylcyclohexane	9.191	83	95013	20.408	ug/l	96
40) Benzene	8.167	78	226363	21.340	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	22858m	22.217	ug/l	
42) 1,2-Dichloroethane	8.246	62	63397	22.004	ug/l	98
43) Isopropyl Acetate	8.283	43	71430	20.948	ug/l	99
44) Trichloroethene	8.947	130	64553	21.525	ug/l	97
45) 1,2-Dichloropropane	9.222	63	54827	21.600	ug/l	99
46) Dibromomethane	9.313	93	31809	21.549	ug/l	99
47) Bromodichloromethane	9.502	83	75369	21.775	ug/l	99
48) Methyl methacrylate	9.301	41	31856	21.295	ug/l	97
49) 1,4-Dioxane	9.307	88	8992	463.224	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	193437	108.385	ug/l	99
52) Toluene	10.246	92	144735	21.347	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	81124	21.411	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	92268	21.601	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	45802	21.247	ug/l	99
56) Ethyl methacrylate	10.514	69	62378	21.316	ug/l	98
57) 1,3-Dichloropropane	10.795	76	77339	21.420	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	145415	112.667	ug/l	99
59) 2-Hexanone	10.837	43	134354	109.452	ug/l	98
60) Dibromochloromethane	10.990	129	57329	21.710	ug/l	99
61) 1,2-Dibromoethane	11.093	107	44372	21.160	ug/l	99
64) Tetrachloroethene	10.721	164	59715	21.476	ug/l	99
65) Chlorobenzene	11.520	112	159825	21.400	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	60065	21.669	ug/l	99
67) Ethyl Benzene	11.593	91	271762	21.103	ug/l	100
68) m/p-Xylenes	11.703	106	221987	43.025	ug/l	98
69) o-Xylene	12.032	106	102711	21.023	ug/l	98
70) Styrene	12.044	104	174209	21.207	ug/l	100
71) Bromoform	12.215	173	40382	21.410	ug/l #	99
73) Isopropylbenzene	12.331	105	269243	21.017	ug/l	99
74) N-amyl acetate	12.148	43	64008	21.112	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	54222	21.480	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	37088m	21.172	ug/l	
77) Bromobenzene	12.611	156	72424	21.305	ug/l	99
78) n-propylbenzene	12.672	91	319565	21.155	ug/l	99
79) 2-Chlorotoluene	12.758	91	181096	21.252	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	226691	21.391	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	19606	20.883	ug/l	98
82) 4-Chlorotoluene	12.855	91	185592	21.052	ug/l	98
83) tert-Butylbenzene	13.081	119	196752	20.825	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	225421	21.515	ug/l	99
85) sec-Butylbenzene	13.258	105	292400	21.273	ug/l	100
86) p-Isopropyltoluene	13.373	119	251506	21.207	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	138249	21.302	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	136985	21.344	ug/l	99
89) n-Butylbenzene	13.697	91	218744	20.996	ug/l	100
90) Hexachloroethane	13.965	117	45816	21.386	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	123832	21.523	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9149	21.759	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	85953	21.197	ug/l	99
94) Hexachlorobutadiene	15.111	225	54380	21.428	ug/l	99
95) Naphthalene	15.239	128	157229	21.008	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	76076	21.302	ug/l	100

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

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