

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
 Data File : VY005202.D
 Acq On : 24 Jun 2021 11:44
 Operator : SY/MD
 Sample : VY0624SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0624SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 4:36:15 PM

Quant Time: Jun 25 04:32:35 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	312086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	434126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	395692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	208389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	129881	50.150	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.300%	
35) Dibromofluoromethane	7.728	113	130371	50.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.840%	
50) Toluene-d8	10.185	98	527383	51.508	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.020%	
62) 4-Bromofluorobenzene	12.483	95	174180	51.052	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	42240	20.584	ug/l	100
3) Chloromethane	2.119	50	51141	18.712	ug/l	98
4) Vinyl Chloride	2.259	62	59823	19.144	ug/l	100
5) Bromomethane	2.650	94	41562	20.970	ug/l	95
6) Chloroethane	2.796	64	37014	18.114	ug/l	99
7) Trichlorofluoromethane	3.131	101	82627	19.779	ug/l	97
8) Diethyl Ether	3.540	74	29820	19.081	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.905	101	50275	19.658	ug/l	99
10) Methyl Iodide	4.101	142	65797	18.085	ug/l	100
11) Tert butyl alcohol	4.972	59	41539	88.333	ug/l #	94
12) 1,1-Dichloroethene	3.881	96	50460	19.528	ug/l	97
13) Acrolein	3.747	56	13578	106.697	ug/l	95
14) Allyl chloride	4.491	41	68662	18.499	ug/l	99
15) Acrylonitrile	5.180	53	68223	93.977	ug/l	100
16) Acetone	3.960	43	56280	94.068	ug/l	99
17) Carbon Disulfide	4.204	76	156367	19.240	ug/l	100
18) Methyl Acetate	4.491	43	29725	18.695	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	132097	18.699	ug/l	100
20) Methylene Chloride	4.729	84	71577	16.796	ug/l	96
21) trans-1,2-Dichloroethene	5.234	96	55829	19.404	ug/l	96
22) Diisopropyl ether	6.137	45	144059	18.671	ug/l	98
23) Vinyl Acetate	6.076	43	466016	93.332	ug/l	99
24) 1,1-Dichloroethane	6.033	63	89818	18.756	ug/l	99
25) 2-Butanone	7.002	43	81274	93.161	ug/l	99
26) 2,2-Dichloropropane	6.996	77	79694	19.084	ug/l	99
27) cis-1,2-Dichloroethene	7.002	96	60506	18.698	ug/l	100
28) Bromochloromethane	7.344	49	34531	18.023	ug/l	98
29) Tetrahydrofuran	7.362	42	53269	92.806	ug/l	99
30) Chloroform	7.515	83	91794	18.837	ug/l	99
31) Cyclohexane	7.795	56	86814	18.776	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	83983	19.323	ug/l	99
36) 1,1-Dichloropropene	7.929	75	73285	19.171	ug/l	99
37) Ethyl Acetate	7.088	43	37315	18.929	ug/l	99
38) Carbon Tetrachloride	7.905	117	78512	19.620	ug/l	98
39) Methylcyclohexane	9.191	83	95365	19.276	ug/l	97
40) Benzene	8.167	78	213103	18.905	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	20529	18.777	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	57768	18.868	ug/l	99
43) Isopropyl Acetate	8.283	43	67824	18.718	ug/l	99
44) Trichloroethene	8.947	130	61953	19.440	ug/l	99
45) 1,2-Dichloropropane	9.222	63	50656	18.780	ug/l	97
46) Dibromomethane	9.313	93	30102	19.190	ug/l	100
47) Bromodichloromethane	9.502	83	69683	18.946	ug/l	98
48) Methyl methacrylate	9.301	41	29538	18.582	ug/l	100
49) 1,4-Dioxane	9.307	88	8237	399.313	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	179453	94.621	ug/l	100
52) Toluene	10.252	92	137723	19.115	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	75836	18.836	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	86345	19.022	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	44039	19.225	ug/l	96
56) Ethyl methacrylate	10.514	69	58616	18.850	ug/l	98
57) 1,3-Dichloropropane	10.794	76	72947	19.013	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	142715	104.056	ug/l	98
59) 2-Hexanone	10.837	43	123663	94.803	ug/l	99
60) Dibromochloromethane	10.990	129	54203	19.316	ug/l	99
61) 1,2-Dibromoethane	11.093	107	42648	19.139	ug/l	98
64) Tetrachloroethene	10.721	164	57453	19.676	ug/l	99
65) Chlorobenzene	11.520	112	149866	19.109	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	56725	19.487	ug/l	98
67) Ethyl Benzene	11.593	91	256573	18.972	ug/l	99
68) m/p-Xylenes	11.703	106	209289	38.627	ug/l	100
69) o-Xylene	12.032	106	98451	19.189	ug/l	99
70) Styrene	12.044	104	166886	19.345	ug/l	100
71) Bromoform	12.209	173	38464	19.419	ug/l #	98
73) Isopropylbenzene	12.331	105	257172	19.027	ug/l	99
74) N-amyl acetate	12.148	43	58832	18.392	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	50026	18.784	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	34794m	18.826	ug/l	
77) Bromobenzene	12.611	156	68107	18.990	ug/l	99
78) n-propylbenzene	12.672	91	303916	19.069	ug/l	99
79) 2-Chlorotoluene	12.758	91	171639	19.091	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	214035	19.142	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	18171	18.344	ug/l	99
82) 4-Chlorotoluene	12.855	91	177019	19.032	ug/l	99
83) tert-Butylbenzene	13.075	119	189858	19.046	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	210596	19.051	ug/l	98
85) sec-Butylbenzene	13.257	105	281351	19.401	ug/l	99
86) p-Isopropyltoluene	13.373	119	239328	19.127	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	130889	19.115	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	131446	19.412	ug/l	99
89) n-Butylbenzene	13.696	91	210831	19.181	ug/l	99
90) Hexachloroethane	13.965	117	43244	19.132	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	117221	19.311	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8430	19.003	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	81841	19.129	ug/l	99
94) Hexachlorobutadiene	15.111	225	53630	20.030	ug/l	100
95) Naphthalene	15.239	128	149730	18.962	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	72782	19.316	ug/l	100

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

