

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004956.D
 Acq On : 04 Jun 2021 12:01
 Operator : SY/MD
 Sample : VY0604SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 6:50:31 PM

Quant Time: Jun 05 01:31:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards							
1) Pentafluorobenzene		7.795	168	249478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.697	114	413637	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.495	117	376325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.428	152	173969	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.148	65	133801	50.732	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.460%	
35) Dibromofluoromethane		7.728	113	114514	51.457	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.920%	
50) Toluene-d8		10.185	98	473298	51.209	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.420%	
62) 4-Bromofluorobenzene		12.483	95	157237	49.467	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.940%	
Target Compounds							Qvalue
2) Dichlorodifluoromethane		1.912	85	49403	21.807	ug/l	98
3) Chloromethane		2.119	50	69759	22.552	ug/l	100
4) Vinyl Chloride		2.259	62	65618	22.049	ug/l	99
5) Bromomethane		2.649	94	36896	21.875	ug/l	94
6) Chloroethane		2.796	64	39233	22.040	ug/l	100
7) Trichlorofluoromethane		3.131	101	86977	20.663	ug/l	96
8) Diethyl Ether		3.533	74	31832	19.477	ug/l	93
9) 1,1,2-Trichlorotrifluo...		3.905	101	51496	20.058	ug/l	98
10) Methyl Iodide		4.100	142	51317	20.939	ug/l	97
11) Tert butyl alcohol		4.972	59	26758	88.220	ug/l	96
12) 1,1-Dichloroethene		3.875	96	50780	19.806	ug/l	99
13) Acrolein		3.735	56	32049	98.865	ug/l	96
14) Allyl chloride		4.491	41	96813	20.710	ug/l	97
15) Acrylonitrile		5.173	53	77009	100.205	ug/l	99
16) Acetone		3.960	43	60178	94.784	ug/l	96
17) Carbon Disulfide		4.198	76	161893	20.533	ug/l	99
18) Methyl Acetate		4.484	43	40532	19.922	ug/l	98
19) Methyl tert-butyl Ether		5.228	73	131042	19.855	ug/l	98
20) Methylene Chloride		4.728	84	68502	18.708	ug/l	96
21) trans-1,2-Dichloroethene		5.228	96	57994	20.151	ug/l	97
22) Diisopropyl ether		6.124	45	185710	21.641	ug/l	99
23) Vinyl Acetate		6.070	43	665849	106.646	ug/l	100
24) 1,1-Dichloroethane		6.027	63	106251	20.572	ug/l	99
25) 2-Butanone		6.996	43	107698	100.879	ug/l	97
26) 2,2-Dichloropropane		6.990	77	90465	20.724	ug/l	99
27) cis-1,2-Dichloroethene		6.990	96	63389	20.099	ug/l	98
28) Bromochloromethane		7.338	49	48259	20.916	ug/l	95
29) Tetrahydrofuran		7.356	42	69000	101.624	ug/l	96
30) Chloroform		7.514	83	102581	20.946	ug/l	99
31) Cyclohexane		7.789	56	95536	20.574	ug/l	95
32) 1,1,1-Trichloroethane		7.703	97	90376	21.037	ug/l	99
36) 1,1-Dichloropropene		7.923	75	83263	20.568	ug/l	99
37) Ethyl Acetate		7.088	43	52068	19.553	ug/l	98
38) Carbon Tetrachloride		7.905	117	71724	20.358	ug/l	99
39) Methylcyclohexane		9.185	83	91265	20.410	ug/l	98
40) Benzene		8.167	78	239172	20.649	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	28096m	19.193	ug/l	
42) 1,2-Dichloroethane	8.246	62	70075	20.956	ug/l	100
43) Isopropyl Acetate	8.283	43	97057	20.302	ug/l	100
44) Trichloroethene	8.941	130	63189	20.844	ug/l	99
45) 1,2-Dichloropropane	9.221	63	63007	20.784	ug/l	97
46) Dibromomethane	9.313	93	33086	20.436	ug/l	99
47) Bromodichloromethane	9.502	83	80688	21.228	ug/l	100
48) Methyl methacrylate	9.295	41	43257	19.887	ug/l	98
49) 1,4-Dioxane	9.307	88	7091	362.773	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	257055	102.570	ug/l	99
52) Toluene	10.246	92	147041	20.980	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	86597	20.584	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	98562	20.620	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	46120	20.495	ug/l	97
56) Ethyl methacrylate	10.514	69	64642	20.065	ug/l	96
57) 1,3-Dichloropropane	10.794	76	83484	20.849	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	172627	106.031	ug/l	100
59) 2-Hexanone	10.837	43	170835	100.850	ug/l	99
60) Dibromochloromethane	10.989	129	52500	20.511	ug/l	99
61) 1,2-Dibromoethane	11.093	107	43534	20.171	ug/l	98
64) Tetrachloroethene	10.721	164	64607	20.531	ug/l	97
65) Chlorobenzene	11.520	112	152551	20.460	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	54281	20.421	ug/l	99
67) Ethyl Benzene	11.593	91	278298	20.197	ug/l	100
68) m/p-Xylenes	11.703	106	210801	40.831	ug/l	100
69) o-Xylene	12.032	106	98056	20.395	ug/l	99
70) Styrene	12.044	104	163916	20.463	ug/l	99
71) Bromoform	12.209	173	30134	19.227	ug/l #	99
73) Isopropylbenzene	12.331	105	263475	20.049	ug/l	99
74) N-amyl acetate	12.148	43	85050	20.059	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	51898	19.673	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	37707m	19.773	ug/l	
77) Bromobenzene	12.611	156	58981	20.087	ug/l	99
78) n-propylbenzene	12.672	91	322439	20.355	ug/l	99
79) 2-Chlorotoluene	12.757	91	176997	20.044	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	221013	20.386	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	19455	18.748	ug/l	91
82) 4-Chlorotoluene	12.855	91	183967	20.387	ug/l	100
83) tert-Butylbenzene	13.074	119	186358	20.321	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	217819	20.216	ug/l	100
85) sec-Butylbenzene	13.257	105	273012	20.448	ug/l	100
86) p-Isopropyltoluene	13.373	119	234053	20.436	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	113028	20.221	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	112239	20.133	ug/l	99
89) n-Butylbenzene	13.696	91	225744	20.493	ug/l	99
90) Hexachloroethane	13.964	117	34065	20.040	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	100314	20.312	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8546	19.565	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	62030	20.000	ug/l	99
94) Hexachlorobutadiene	15.117	225	33283	20.340	ug/l	98
95) Naphthalene	15.239	128	131712	19.317	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	53571	19.620	ug/l	98

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

