

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
 Data File : VY005310.D
 Acq On : 01 Jul 2021 13:41
 Operator : SY/MD
 Sample : VY0701SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 1:57:32 PM

Quant Time: Jul 02 05:13:57 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	246847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	356197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	333735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	117799	57.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.020%
35) Dibromofluoromethane	7.722	113	108246	51.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.060%
50) Toluene-d8	10.185	98	437927	52.129	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.260%
62) 4-Bromofluorobenzene	12.483	95	148899	53.190	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.380%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	35251	21.718	ug/l	99
3) Chloromethane	2.119	50	46670	21.589	ug/l	99
4) Vinyl Chloride	2.259	62	52376	21.191	ug/l	99
5) Bromomethane	2.644	94	37977	24.225	ug/l	93
6) Chloroethane	2.796	64	36292	22.454	ug/l	100
7) Trichlorofluoromethane	3.131	101	71167	21.538	ug/l	98
8) Diethyl Ether	3.540	74	27333	22.112	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.905	101	43505	21.506	ug/l	99
10) Methyl Iodide	4.094	142	47384	16.466	ug/l	99
11) Tert butyl alcohol	4.954	59	42029	137.999	ug/l #	95
12) 1,1-Dichloroethene	3.881	96	41679	20.393	ug/l	94
13) Acrolein	3.741	56	13424	133.366	ug/l	92
14) Allyl chloride	4.491	41	68036	23.175	ug/l	96
15) Acrylonitrile	5.180	53	69468	120.982	ug/l	99
16) Acetone	3.954	43	58972	124.617	ug/l	95
17) Carbon Disulfide	4.198	76	136527	21.239	ug/l	99
18) Methyl Acetate	4.491	43	33543	26.671	ug/l	92
19) Methyl tert-butyl Ether	5.235	73	120993	21.653	ug/l	99
20) Methylene Chloride	4.722	84	64083	20.424	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	48796	21.442	ug/l	96
22) Diisopropyl ether	6.131	45	148769	24.377	ug/l	97
23) Vinyl Acetate	6.070	43	480596	121.691	ug/l	96
24) 1,1-Dichloroethane	6.027	63	85322	22.527	ug/l	100
25) 2-Butanone	6.996	43	85364	123.710	ug/l	93
26) 2,2-Dichloropropane	6.990	77	72854	22.057	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	54147	21.155	ug/l	93
28) Bromochloromethane	7.338	49	38005	25.079	ug/l	87
29) Tetrahydrofuran	7.356	42	57904	127.543	ug/l	92
30) Chloroform	7.508	83	85606	22.210	ug/l	98
31) Cyclohexane	7.789	56	81139	22.187	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	75165	21.865	ug/l	98
36) 1,1-Dichloropropene	7.923	75	66311	21.141	ug/l	98
37) Ethyl Acetate	7.082	43	39821	24.620	ug/l	98
38) Carbon Tetrachloride	7.905	117	68385	20.828	ug/l	99
39) Methylcyclohexane	9.185	83	82761	20.388	ug/l	95
40) Benzene	8.167	78	196933	21.293	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	20741m	23.122	ug/l	
42) 1,2-Dichloroethane	8.240	62	58721	23.375	ug/l	97
43) Isopropyl Acetate	8.277	43	71594	24.081	ug/l	96
44) Trichloroethene	8.947	130	54118	20.697	ug/l	100
45) 1,2-Dichloropropane	9.222	63	50155	22.663	ug/l	98
46) Dibromomethane	9.313	93	27955	21.720	ug/l	97
47) Bromodichloromethane	9.502	83	66400	22.003	ug/l	98
48) Methyl methacrylate	9.295	41	31760	24.351	ug/l	91
49) 1,4-Dioxane	9.313	88	7741	457.369	ug/l #	88
51) 4-Methyl-2-Pentanone	10.075	43	196048	125.987	ug/l	95
52) Toluene	10.246	92	124219	21.013	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	71343	21.596	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	80906	21.724	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	40108	21.339	ug/l	94
56) Ethyl methacrylate	10.514	69	55276	21.665	ug/l	91
57) 1,3-Dichloropropane	10.794	76	69963	22.224	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	140945	125.249	ug/l	96
59) 2-Hexanone	10.837	43	133104	124.366	ug/l	95
60) Dibromochloromethane	10.990	129	49437	21.472	ug/l	98
61) 1,2-Dibromoethane	11.093	107	38919	21.287	ug/l	99
64) Tetrachloroethene	10.721	164	49651	20.161	ug/l	99
65) Chlorobenzene	11.520	112	136064	20.570	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	51016	20.779	ug/l	100
67) Ethyl Benzene	11.593	91	233333	20.457	ug/l	100
68) m/p-Xylenes	11.709	106	185348	40.559	ug/l	97
69) o-Xylene	12.032	106	87980	20.331	ug/l	99
70) Styrene	12.044	104	149647	20.567	ug/l	99
71) Bromoform	12.209	173	35015	20.959	ug/l #	99
73) Isopropylbenzene	12.331	105	227767	20.020	ug/l	99
74) N-amyl acetate	12.148	43	62772	23.313	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.587	83	49466	22.065	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	34466m	22.155	ug/l	
77) Bromobenzene	12.611	156	60833	20.150	ug/l	95
78) n-propylbenzene	12.672	91	277932	20.717	ug/l	99
79) 2-Chlorotoluene	12.758	91	156444	20.672	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	191610	20.359	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	17722	21.254	ug/l	93
82) 4-Chlorotoluene	12.855	91	162033	20.696	ug/l	100
83) tert-Butylbenzene	13.075	119	166676	19.864	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	189626	20.379	ug/l	100
85) sec-Butylbenzene	13.257	105	250848	20.549	ug/l	99
86) p-Isopropyltoluene	13.373	119	212938	20.217	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	116781	20.261	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	116630	20.463	ug/l	98
89) n-Butylbenzene	13.696	91	190599	20.600	ug/l	98
90) Hexachloroethane	13.965	117	40035	21.042	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	104773	20.505	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8128	21.766	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	69681	19.349	ug/l	100
94) Hexachlorobutadiene	15.111	225	44746	19.853	ug/l	99
95) Naphthalene	15.239	128	127679	19.209	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	62612	19.741	ug/l	100

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

