

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070921\
 Data File : VY005400.D
 Acq On : 09 Jul 2021 15:35
 Operator : SY/MD
 Sample : VY0709SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/12/2021 5:46:40 PM

Quant Time: Jul 10 07:59:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 10 07:49:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	327809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	473748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	434049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	230765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	159607	51.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.940%	
35) Dibromofluoromethane	7.722	113	146720	52.771	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.540%	
50) Toluene-d8	10.185	98	608463	51.414	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.820%	
62) 4-Bromofluorobenzene	12.483	95	205689	51.558	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	62693	21.466	ug/l	98
3) Chloromethane	2.113	50	61384	20.657	ug/l	99
4) Vinyl Chloride	2.253	62	76201	20.732	ug/l	98
5) Bromomethane	2.643	94	60085	21.970	ug/l	100
6) Chloroethane	2.790	64	47955	20.801	ug/l	99
7) Trichlorofluoromethane	3.125	101	113396	20.953	ug/l	100
8) Diethyl Ether	3.533	74	38773	20.657	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	63989	21.027	ug/l	98
10) Methyl Iodide	4.100	142	71653	19.347	ug/l	98
11) Tert butyl alcohol	4.972	59	35397	73.308	ug/l	100
12) 1,1-Dichloroethene	3.869	96	65375	20.919	ug/l	99
13) Acrolein	3.735	56	28381	123.387	ug/l	99
14) Allyl chloride	4.485	41	94492	21.735	ug/l	99
15) Acrylonitrile	5.173	53	89408	104.669	ug/l	100
16) Acetone	3.954	43	67485	102.629	ug/l	95
17) Carbon Disulfide	4.198	76	204996	21.014	ug/l	99
18) Methyl Acetate	4.491	43	39010	21.406	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	179524	21.225	ug/l	97
20) Methylene Chloride	4.728	84	106240	25.964	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	72634	20.856	ug/l	96
22) Diisopropyl ether	6.124	45	192446	22.220	ug/l	98
23) Vinyl Acetate	6.070	43	621391	108.433	ug/l	100
24) 1,1-Dichloroethane	6.027	63	118569	21.690	ug/l	99
25) 2-Butanone	6.996	43	107309	103.567	ug/l	98
26) 2,2-Dichloropropane	6.984	77	106088	20.912	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	81431	21.112	ug/l	98
28) Bromochloromethane	7.338	49	41906	20.423	ug/l	95
29) Tetrahydrofuran	7.356	42	72485	105.461	ug/l	97
30) Chloroform	7.514	83	123765	21.122	ug/l	99
31) Cyclohexane	7.789	56	115607	21.240	ug/l	99
32) 1,1,1-Trichloroethane	7.703	97	114135	21.039	ug/l	99
36) 1,1-Dichloropropene	7.923	75	97704	21.125	ug/l	99
37) Ethyl Acetate	7.082	43	48695	20.940	ug/l	98
38) Carbon Tetrachloride	7.905	117	107553	20.801	ug/l	99
39) Methylcyclohexane	9.185	83	126589	20.800	ug/l	99
40) Benzene	8.167	78	285512	21.062	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	23030m	17.363	ug/l	
42) 1,2-Dichloroethane	8.246	62	82212	20.999	ug/l	99
43) Isopropyl Acetate	8.283	43	90680	21.258	ug/l	100
44) Trichloroethene	8.941	130	81946	20.541	ug/l	96
45) 1,2-Dichloropropane	9.221	63	67262	21.238	ug/l	99
46) Dibromomethane	9.307	93	38437	20.714	ug/l	99
47) Bromodichloromethane	9.502	83	93603	20.830	ug/l	100
48) Methyl methacrylate	9.295	41	41832	21.213	ug/l	96
49) 1,4-Dioxane	9.307	88	12358	415.649	ug/l	90
51) 4-Methyl-2-Pentanone	10.075	43	247883	105.160	ug/l	99
52) Toluene	10.246	92	186269	20.876	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	103797	20.685	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	117048	21.161	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	56244	20.426	ug/l	97
56) Ethyl methacrylate	10.514	69	79803	20.851	ug/l	100
57) 1,3-Dichloropropane	10.794	76	98214	21.128	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	187575	114.635	ug/l	99
59) 2-Hexanone	10.837	43	172572	104.823	ug/l	98
60) Dibromochloromethane	10.983	129	70312	20.437	ug/l	98
61) 1,2-Dibromoethane	11.093	107	54488	20.566	ug/l	98
64) Tetrachloroethene	10.721	164	77810	19.823	ug/l	99
65) Chlorobenzene	11.520	112	201451	20.855	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	74190	20.653	ug/l	99
67) Ethyl Benzene	11.593	91	350587	20.710	ug/l	100
68) m/p-Xylenes	11.703	106	280341	41.394	ug/l	99
69) o-Xylene	12.032	106	133707	20.755	ug/l	100
70) Styrene	12.044	104	226036	20.703	ug/l	99
71) Bromoform	12.209	173	48284	20.332	ug/l	98
73) Isopropylbenzene	12.331	105	351063	20.905	ug/l	99
74) N-amyl acetate	12.148	43	83045	20.869	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	65209	20.923	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	46019m	20.619	ug/l	
77) Bromobenzene	12.611	156	88171	20.811	ug/l	99
78) n-propylbenzene	12.672	91	413204	20.905	ug/l	100
79) 2-Chlorotoluene	12.757	91	233136	20.990	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	293603	20.958	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	24637	20.522	ug/l	98
82) 4-Chlorotoluene	12.855	91	240596	20.840	ug/l	100
83) tert-Butylbenzene	13.074	119	258132	20.726	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	290423	20.748	ug/l	100
85) sec-Butylbenzene	13.257	105	380965	20.934	ug/l	99
86) p-Isopropyltoluene	13.373	119	326323	20.651	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	173202	20.620	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	171644	20.673	ug/l	99
89) n-Butylbenzene	13.696	91	291261	20.797	ug/l	99
90) Hexachloroethane	13.965	117	58378	20.636	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	153146	20.625	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11846	20.096	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	107461	21.098	ug/l	98
94) Hexachlorobutadiene	15.111	225	66479	20.896	ug/l	99
95) Naphthalene	15.239	128	203788	20.284	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	93749	20.834	ug/l	99

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

