

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005729.D
 Acq On : 18 Aug 2021 11:08
 Operator : SY/MD
 Sample : VY0818SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0818SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:57:13 PM

Quant Time: Aug 19 05:15:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	199826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	295229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	274118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	107846	53.317	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.640%	
35) Dibromofluoromethane	7.722	113	84729	51.260	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.520%	
50) Toluene-d8	10.185	98	343590	49.564	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.120%	
62) 4-Bromofluorobenzene	12.483	95	118131	51.460	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.920%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	37132	22.624	ug/l	93
3) Chloromethane	2.119	50	37873	19.318	ug/l	95
4) Vinyl Chloride	2.253	62	48123	20.493	ug/l	97
5) Bromomethane	2.644	94	34496	22.318	ug/l	99
6) Chloroethane	2.796	64	31897	22.503	ug/l	98
7) Trichlorofluoromethane	3.131	101	64752	20.595	ug/l	97
8) Diethyl Ether	3.540	74	22055	20.085	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.906	101	34775	20.391	ug/l	98
10) Methyl Iodide	4.095	142	40629	19.123	ug/l	98
11) Tert butyl alcohol	4.966	59	26296	131.505	ug/l	97
12) 1,1-Dichloroethene	3.881	96	34853	20.239	ug/l	98
13) Acrolein	3.729	56	10449	86.609	ug/l	95
14) Allyl chloride	4.491	41	64658	21.437	ug/l	99
15) Acrylonitrile	5.174	53	61823	109.855	ug/l	99
16) Acetone	3.954	43	55977	109.763	ug/l	99
17) Carbon Disulfide	4.198	76	104496	19.684	ug/l	99
18) Methyl Acetate	4.485	43	29346	22.002	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	114130	21.393	ug/l	99
20) Methylene Chloride	4.722	84	46725	19.404	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	39385	20.456	ug/l	94
22) Diisopropyl ether	6.131	45	136923	22.004	ug/l	99
23) Vinyl Acetate	6.070	43	454913	109.854	ug/l	99
24) 1,1-Dichloroethane	6.027	63	74391	21.572	ug/l	96
25) 2-Butanone	6.990	43	83160	110.313	ug/l	95
26) 2,2-Dichloropropane	6.984	77	68289	21.675	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	44658	20.394	ug/l	93
28) Bromochloromethane	7.344	49	35832	26.034	ug/l	97
29) Tetrahydrofuran	7.356	42	55831	111.973	ug/l	96
30) Chloroform	7.515	83	75041	21.320	ug/l	99
31) Cyclohexane	7.789	56	69815	20.122	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	68930	21.304	ug/l	99
36) 1,1-Dichloropropene	7.923	75	57447	20.746	ug/l	99
37) Ethyl Acetate	7.082	43	36409	21.704	ug/l	99
38) Carbon Tetrachloride	7.911	117	63904	21.234	ug/l	93
39) Methylcyclohexane	9.185	83	68777	19.523	ug/l	97
40) Benzene	8.167	78	166236	20.964	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	18226m	20.024	ug/l	
42) 1,2-Dichloroethane	8.240	62	56080	21.803	ug/l	98
43) Isopropyl Acetate	8.277	43	70197	22.103	ug/l	99
44) Trichloroethene	8.941	130	44355	20.495	ug/l	100
45) 1,2-Dichloropropane	9.222	63	41127	20.732	ug/l	98
46) Dibromomethane	9.307	93	23213	21.162	ug/l	98
47) Bromodichloromethane	9.502	83	59142	21.544	ug/l	99
48) Methyl methacrylate	9.295	41	31543	21.976	ug/l	96
49) 1,4-Dioxane	9.307	88	6618	434.125	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	188734	112.842	ug/l	98
52) Toluene	10.246	92	104835	20.734	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	64715	21.094	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	70763	21.253	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	33786	21.288	ug/l	98
56) Ethyl methacrylate	10.514	69	49608	20.875	ug/l	96
57) 1,3-Dichloropropane	10.795	76	60148	21.491	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	123466	108.730	ug/l	99
59) 2-Hexanone	10.837	43	132265	111.885	ug/l	100
60) Dibromochloromethane	10.990	129	41562	21.161	ug/l	100
61) 1,2-Dibromoethane	11.093	107	32465	21.595	ug/l	99
64) Tetrachloroethene	10.721	164	43707	20.947	ug/l	94
65) Chlorobenzene	11.520	112	114481	20.754	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	43177	20.797	ug/l	99
67) Ethyl Benzene	11.593	91	203523	20.347	ug/l	99
68) m/p-Xylenes	11.703	106	158963	40.917	ug/l	100
69) o-Xylene	12.032	106	76074	20.373	ug/l	98
70) Styrene	12.044	104	129434	20.593	ug/l	100
71) Bromoform	12.209	173	28560	21.213	ug/l #	100
73) Isopropylbenzene	12.331	105	200184	19.539	ug/l	100
74) N-amyl acetate	12.142	43	64998	21.075	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	40322	20.462	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	34606m	22.752	ug/l	
77) Bromobenzene	12.611	156	49653	19.726	ug/l	98
78) n-propylbenzene	12.672	91	242268	19.910	ug/l	100
79) 2-Chlorotoluene	12.758	91	136421	19.965	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	169270	19.908	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	15464	20.495	ug/l	98
82) 4-Chlorotoluene	12.855	91	144750	20.474	ug/l	99
83) tert-Butylbenzene	13.075	119	149686	19.619	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	167123	19.920	ug/l	98
85) sec-Butylbenzene	13.251	105	217653	19.779	ug/l	99
86) p-Isopropyltoluene	13.367	119	186224	19.710	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	97374	19.826	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	99050	20.329	ug/l	99
89) n-Butylbenzene	13.696	91	170494	19.919	ug/l	100
90) Hexachloroethane	13.959	117	34078	20.062	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	88251	20.342	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7665	20.519	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	60675	20.360	ug/l	99
94) Hexachlorobutadiene	15.111	225	39294	20.364	ug/l	99
95) Naphthalene	15.239	128	118287	20.135	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	52274	19.799	ug/l	99

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

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