

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083021\
 Data File : VY005891.D
 Acq On : 30 Aug 2021 13:19
 Operator : SY/MD
 Sample : VY0830SBS02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0830SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/31/2021 5:40:56 PM

Quant Time: Aug 31 02:50:41 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	197551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	283462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	264986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	103872	51.944	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.880%			
35) Dibromofluoromethane	7.722	113	87207	54.950	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.900%			
50) Toluene-d8	10.185	98	341826	51.357	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.720%			
62) 4-Bromofluorobenzene	12.483	95	120733	54.776	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	38510	23.734	ug/l	96
3) Chloromethane	2.119	50	43221	22.300	ug/l	98
4) Vinyl Chloride	2.253	62	56294	24.249	ug/l	96
5) Bromomethane	2.643	94	36237	23.714	ug/l	99
6) Chloroethane	2.796	64	33114	23.631	ug/l	100
7) Trichlorofluoromethane	3.125	101	71156	22.893	ug/l	96
8) Diethyl Ether	3.534	74	24156	22.251	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	38800	23.013	ug/l	99
10) Methyl Iodide	4.101	142	45664	21.740	ug/l	99
11) Tert butyl alcohol	4.966	59	35755	180.868	ug/l #	84
12) 1,1-Dichloroethene	3.881	96	38376	22.541	ug/l	95
13) Acrolein	3.735	56	9035	75.751	ug/l	100
14) Allyl chloride	4.485	41	61732	20.702	ug/l	96
15) Acrylonitrile	5.174	53	66171	118.935	ug/l	100
16) Acetone	3.954	43	66186	131.276	ug/l	97
17) Carbon Disulfide	4.198	76	106923	20.374	ug/l	98
18) Methyl Acetate	4.479	43	32697	24.797	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	121119	22.965	ug/l	97
20) Methylene Chloride	4.722	84	52395	22.936	ug/l	93
21) trans-1,2-Dichloroethene	5.228	96	42100	22.118	ug/l	95
22) Diisopropyl ether	6.125	45	137606	22.369	ug/l	92
23) Vinyl Acetate	6.070	43	463666	113.257	ug/l	98
24) 1,1-Dichloroethane	6.027	63	78540	23.038	ug/l	99
25) 2-Butanone	6.996	43	91750	123.110	ug/l	95
26) 2,2-Dichloropropane	6.990	77	73586	23.625	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	49567	22.896	ug/l	100
28) Bromochloromethane	7.338	49	38322	28.164	ug/l	98
29) Tetrahydrofuran	7.356	42	57935	117.531	ug/l	99
30) Chloroform	7.515	83	81409	23.396	ug/l	98
31) Cyclohexane	7.789	56	72212	21.053	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	73621	23.016	ug/l	99
36) 1,1-Dichloropropene	7.923	75	61377	23.086	ug/l	99
37) Ethyl Acetate	7.076	43	40262	24.997	ug/l	98
38) Carbon Tetrachloride	7.905	117	68285	23.632	ug/l	98
39) Methylcyclohexane	9.185	83	74636	22.065	ug/l	98
40) Benzene	8.167	78	173673	22.811	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	18884m	21.608	ug/l	
42) 1,2-Dichloroethane	8.240	62	57586	23.318	ug/l	99
43) Isopropyl Acetate	8.277	43	72392	23.740	ug/l	99
44) Trichloroethene	8.941	130	50159	24.139	ug/l	96
45) 1,2-Dichloropropane	9.222	63	44012	23.107	ug/l	100
46) Dibromomethane	9.307	93	24617	23.374	ug/l	99
47) Bromodichloromethane	9.502	83	61526	23.342	ug/l	95
48) Methyl methacrylate	9.295	41	32458	23.552	ug/l	99
49) 1,4-Dioxane	9.301	88	7453	509.194	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	196772	122.531	ug/l	98
52) Toluene	10.246	92	112873	23.251	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	68920	23.397	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	75495	23.616	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	37166	24.390	ug/l	98
56) Ethyl methacrylate	10.514	69	53448	23.424	ug/l	99
57) 1,3-Dichloropropane	10.794	76	64486	23.998	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	143614	131.724	ug/l	99
59) 2-Hexanone	10.837	43	141797	124.927	ug/l	99
60) Dibromochloromethane	10.990	129	44643	23.673	ug/l	99
61) 1,2-Dibromoethane	11.093	107	35475	24.576	ug/l	99
64) Tetrachloroethene	10.721	164	50495	25.034	ug/l	98
65) Chlorobenzene	11.520	112	124098	23.272	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	46645	23.241	ug/l	100
67) Ethyl Benzene	11.593	91	216891	22.431	ug/l	99
68) m/p-Xylenes	11.703	106	174910	46.573	ug/l	97
69) o-Xylene	12.032	106	84046	23.284	ug/l	95
70) Styrene	12.044	104	140775	23.169	ug/l	99
71) Bromoform	12.209	173	32447	24.930	ug/l #	100
73) Isopropylbenzene	12.331	105	219047	21.628	ug/l	100
74) N-amyl acetate	12.142	43	65633	21.528	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	43550	22.357	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	37724m	25.090	ug/l	
77) Bromobenzene	12.611	156	55440	22.281	ug/l	99
78) n-propylbenzene	12.672	91	266651	22.168	ug/l	100
79) 2-Chlorotoluene	12.758	91	148288	21.954	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	186510	22.190	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	16422	22.017	ug/l	98
82) 4-Chlorotoluene	12.855	91	153433	21.954	ug/l	98
83) tert-Butylbenzene	13.075	119	161982	21.477	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	183865	22.170	ug/l	99
85) sec-Butylbenzene	13.251	105	242647	22.306	ug/l	99
86) p-Isopropyltoluene	13.367	119	209308	22.411	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	110531	22.766	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	110620	22.967	ug/l	99
89) n-Butylbenzene	13.696	91	188371	22.263	ug/l	99
90) Hexachloroethane	13.959	117	38447	22.897	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	97689	22.779	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8656	23.441	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	67279	22.838	ug/l	99
94) Hexachlorobutadiene	15.111	225	44390	23.272	ug/l	99
95) Naphthalene	15.239	128	131036	22.564	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	59537	22.812	ug/l	99

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

