

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080221\
 Data File : VY005522.D
 Acq On : 02 Aug 2021 15:34
 Operator : SY/MD
 Sample : VY0802SBSD01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0802SBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/3/2021 4:50:43 PM

Quant Time: Aug 03 04:57:59 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	292883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	439824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	399187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	202289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	147483	49.746	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.500%
35) Dibromofluoromethane	7.728	113	125238	50.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.720%
50) Toluene-d8	10.185	98	510821	49.463	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.920%
62) 4-Bromofluorobenzene	12.483	95	167363	48.938	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	57242	23.796	ug/l	100
3) Chloromethane	2.119	50	67720	23.567	ug/l	100
4) Vinyl Chloride	2.259	62	78512	22.811	ug/l	99
5) Bromomethane	2.650	94	55406	24.457	ug/l	97
6) Chloroethane	2.796	64	48441	23.317	ug/l	95
7) Trichlorofluoromethane	3.131	101	102630	22.271	ug/l	99
8) Diethyl Ether	3.534	74	38041	23.636	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.906	101	57848	23.143	ug/l	99
10) Methyl Iodide	4.101	142	70400	22.607	ug/l	97
11) Tert butyl alcohol	4.960	59	33653	114.825	ug/l	98
12) 1,1-Dichloroethene	3.881	96	58855	23.317	ug/l	95
13) Acrolein	3.741	56	19865	112.341	ug/l	99
14) Allyl chloride	4.491	41	107193	24.247	ug/l	97
15) Acrylonitrile	5.180	53	92091	111.646	ug/l	99
16) Acetone	3.954	43	69874	93.480	ug/l	94
17) Carbon Disulfide	4.204	76	188485	24.225	ug/l	99
18) Methyl Acetate	4.485	43	45510	23.280	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	178482	22.826	ug/l	99
20) Methylene Chloride	4.729	84	96693	30.239	ug/l	94
21) trans-1,2-Dichloroethene	5.235	96	65336	23.153	ug/l	97
22) Diisopropyl ether	6.131	45	220976	24.229	ug/l	98
23) Vinyl Acetate	6.070	43	687348	113.246	ug/l	100
24) 1,1-Dichloroethane	6.027	63	123894	24.512	ug/l	100
25) 2-Butanone	6.996	43	111811	101.194	ug/l	100
26) 2,2-Dichloropropane	6.990	77	101408	21.960	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	75825	23.625	ug/l	99
28) Bromochloromethane	7.338	49	52098	25.825	ug/l	98
29) Tetrahydrofuran	7.356	42	78049	106.798	ug/l	100
30) Chloroform	7.515	83	119264	23.119	ug/l	97
31) Cyclohexane	7.789	56	103708	20.394	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	99497	20.981	ug/l	99
36) 1,1-Dichloropropene	7.923	75	82346	19.962	ug/l	99
37) Ethyl Acetate	7.088	43	53507	21.410	ug/l	100
38) Carbon Tetrachloride	7.905	117	88077	19.645	ug/l	94
39) Methylcyclohexane	9.185	83	100358	19.122	ug/l	97
40) Benzene	8.167	78	238782	20.213	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	29294m	21.604	ug/l	
42) 1,2-Dichloroethane	8.246	62	76279	19.907	ug/l	100
43) Isopropyl Acetate	8.283	43	88992	18.809	ug/l	99
44) Trichloroethene	8.947	130	64111	19.885	ug/l	99
45) 1,2-Dichloropropane	9.222	63	59734	20.212	ug/l	99
46) Dibromomethane	9.313	93	32614	19.958	ug/l	97
47) Bromodichloromethane	9.502	83	81515	19.932	ug/l	96
48) Methyl methacrylate	9.295	41	40474	18.928	ug/l	97
49) 1,4-Dioxane	9.307	88	8654	381.053	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	233690	93.786	ug/l	100
52) Toluene	10.246	92	149118	19.797	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	87752	19.199	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	99170	19.993	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	45750	19.349	ug/l	96
56) Ethyl methacrylate	10.514	69	67686	19.118	ug/l	98
57) 1,3-Dichloropropane	10.795	76	82143	19.701	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	156403	92.455	ug/l	100
59) 2-Hexanone	10.837	43	159771	90.720	ug/l	99
60) Dibromochloromethane	10.990	129	57259	19.568	ug/l	99
61) 1,2-Dibromoethane	11.093	107	43403	19.379	ug/l	100
64) Tetrachloroethene	10.721	164	59072	19.441	ug/l	97
65) Chlorobenzene	11.520	112	160134	19.935	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	60259	19.931	ug/l	99
67) Ethyl Benzene	11.593	91	284911	19.560	ug/l	98
68) m/p-Xylenes	11.703	106	222026	39.244	ug/l	99
69) o-Xylene	12.032	106	107818	19.828	ug/l	99
70) Styrene	12.044	104	181378	19.816	ug/l	99
71) Bromoform	12.209	173	38055	19.409	ug/l #	98
73) Isopropylbenzene	12.331	105	280566	19.870	ug/l	99
74) N-amyl acetate	12.148	43	79499	18.703	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	53006	19.517	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	37510m	17.893	ug/l	
77) Bromobenzene	12.611	156	69390	20.002	ug/l	98
78) n-propylbenzene	12.672	91	334410	19.940	ug/l	99
79) 2-Chlorotoluene	12.758	91	189177	20.089	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	235625	20.107	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	19020	18.290	ug/l	98
82) 4-Chlorotoluene	12.855	91	194209	19.932	ug/l	99
83) tert-Butylbenzene	13.075	119	210690	20.037	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	231482	20.019	ug/l	100
85) sec-Butylbenzene	13.258	105	297400	19.609	ug/l	100
86) p-Isopropyltoluene	13.373	119	253943	19.502	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	130989	19.351	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	130993	19.507	ug/l	98
89) n-Butylbenzene	13.696	91	228528	19.372	ug/l	100
90) Hexachloroethane	13.965	117	46881	20.025	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	116497	19.484	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9584	18.615	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	78680	19.156	ug/l	99
94) Hexachlorobutadiene	15.111	225	51144	19.231	ug/l	99
95) Naphthalene	15.239	128	151165	18.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	69428	19.080	ug/l	100

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

