

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080221\
 Data File : VY005521.D
 Acq On : 02 Aug 2021 15:12
 Operator : SY/MD
 Sample : VY0802SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0802SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/3/2021 4:50:41 PM

Quant Time: Aug 03 04:57:19 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	291002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	437976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	400753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	203922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	155499	52.789	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.580%	
35) Dibromofluoromethane	7.722	113	126369	51.535	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.060%	
50) Toluene-d8	10.185	98	517326	50.304	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	12.483	95	173266	50.877	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.760%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	57833	24.197	ug/l	94
3) Chloromethane	2.119	50	66989	23.464	ug/l	98
4) Vinyl Chloride	2.259	62	77395	22.632	ug/l	98
5) Bromomethane	2.650	94	55453	24.636	ug/l	99
6) Chloroethane	2.802	64	49345	23.905	ug/l	94
7) Trichlorofluoromethane	3.131	101	102414	22.368	ug/l	98
8) Diethyl Ether	3.534	74	39473	24.684	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.906	101	58113	23.399	ug/l	99
10) Methyl Iodide	4.101	142	70490	22.782	ug/l	96
11) Tert butyl alcohol	4.972	59	35500	121.910	ug/l	97
12) 1,1-Dichloroethene	3.881	96	58926	23.497	ug/l	94
13) Acrolein	3.741	56	19775	112.554	ug/l	98
14) Allyl chloride	4.485	41	105490	24.016	ug/l	99
15) Acrylonitrile	5.174	53	99126	120.952	ug/l	99
16) Acetone	3.960	43	75558	101.738	ug/l	94
17) Carbon Disulfide	4.204	76	190028	24.581	ug/l	99
18) Methyl Acetate	4.491	43	46700	24.043	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	185297	23.850	ug/l	100
20) Methylene Chloride	4.729	84	99931	31.731	ug/l	93
21) trans-1,2-Dichloroethene	5.228	96	66249	23.628	ug/l	96
22) Diisopropyl ether	6.131	45	197816	21.830	ug/l	99
23) Vinyl Acetate	6.070	43	651739	108.073	ug/l	99
24) 1,1-Dichloroethane	6.027	63	108821	21.669	ug/l	98
25) 2-Butanone	6.996	43	111448	101.518	ug/l	98
26) 2,2-Dichloropropane	6.990	77	91607	19.966	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	67649	21.214	ug/l	97
28) Bromochloromethane	7.344	49	49123	24.508	ug/l	99
29) Tetrahydrofuran	7.356	42	78184	107.674	ug/l	99
30) Chloroform	7.515	83	108410	21.150	ug/l	99
31) Cyclohexane	7.789	56	103684	20.521	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	96395	20.458	ug/l	99
36) 1,1-Dichloropropene	7.923	75	83750	20.388	ug/l	100
37) Ethyl Acetate	7.082	43	51379	20.646	ug/l	98
38) Carbon Tetrachloride	7.905	117	89480	20.042	ug/l	97
39) Methylcyclohexane	9.191	83	103895	19.879	ug/l	98
40) Benzene	8.167	78	240947	20.483	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	28758m	21.298	ug/l	
42) 1,2-Dichloroethane	8.246	62	79171	20.749	ug/l	99
43) Isopropyl Acetate	8.283	43	97362	20.664	ug/l	99
44) Trichloroethene	8.947	130	64527	20.098	ug/l	98
45) 1,2-Dichloropropane	9.222	63	61478	20.890	ug/l	98
46) Dibromomethane	9.313	93	33227	20.419	ug/l	99
47) Bromodichloromethane	9.502	83	83415	20.482	ug/l	99
48) Methyl methacrylate	9.301	41	43743	20.543	ug/l	100
49) 1,4-Dioxane	9.301	88	8995	397.739	ug/l	89
51) 4-Methyl-2-Pentanone	10.075	43	257807	103.902	ug/l	100
52) Toluene	10.246	92	150304	20.038	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	90883	19.968	ug/l	92
54) cis-1,3-Dichloropropene	9.935	75	102061	20.663	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	47357	20.114	ug/l	97
56) Ethyl methacrylate	10.514	69	72788	20.646	ug/l	99
57) 1,3-Dichloropropane	10.794	76	86514	20.837	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	162650	96.553	ug/l	99
59) 2-Hexanone	10.837	43	179703	102.468	ug/l	99
60) Dibromochloromethane	10.990	129	59137	20.296	ug/l	100
61) 1,2-Dibromoethane	11.093	107	46067	20.655	ug/l	99
64) Tetrachloroethene	10.721	164	60214	19.739	ug/l	95
65) Chlorobenzene	11.520	112	163377	20.259	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	60498	19.932	ug/l	99
67) Ethyl Benzene	11.599	91	292268	19.986	ug/l	100
68) m/p-Xylenes	11.709	106	225125	39.636	ug/l	98
69) o-Xylene	12.032	106	107628	19.715	ug/l	98
70) Styrene	12.050	104	186760	20.324	ug/l	99
71) Bromoform	12.215	173	40366	20.507	ug/l #	99
73) Isopropylbenzene	12.331	105	283988	19.951	ug/l	100
74) N-amyl acetate	12.148	43	89470	20.880	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	56728	20.720	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	41511m	19.643	ug/l	
77) Bromobenzene	12.611	156	70707	20.218	ug/l	97
78) n-propylbenzene	12.672	91	342568	20.263	ug/l	99
79) 2-Chlorotoluene	12.758	91	195126	20.554	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	238618	20.199	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	21000	20.033	ug/l	98
82) 4-Chlorotoluene	12.855	91	198664	20.225	ug/l	99
83) tert-Butylbenzene	13.081	119	212864	20.081	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	235920	20.240	ug/l	100
85) sec-Butylbenzene	13.257	105	309004	20.211	ug/l	100
86) p-Isopropyltoluene	13.373	119	262975	20.034	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	137508	20.151	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	136631	20.184	ug/l	99
89) n-Butylbenzene	13.696	91	237374	19.961	ug/l	100
90) Hexachloroethane	13.965	117	48106	20.384	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	124039	20.579	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11168	21.518	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	85397	20.625	ug/l	99
94) Hexachlorobutadiene	15.117	225	53740	20.046	ug/l	99
95) Naphthalene	15.239	128	170983	20.949	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	76300	20.801	ug/l	100

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

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