

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003918.D
 Acq On : 14 Jan 2021 14:22
 Operator : SY/MD
 Sample : VY0114SBS02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0114SBS02

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 5:45:22 PM

Quant Time: Jan 15 00:57:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	139694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	203988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	188696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	115408	53.19	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.38%	
35) Dibromofluoromethane	7.722	113	92506	55.49	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.98%	
50) Toluene-d8	10.179	98	377053	55.81	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.62%	
62) 4-Bromofluorobenzene	12.477	95	137183	55.60	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.20%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	40812	22.52	ug/l	97
3) Chloromethane	2.119	50	50288	21.15	ug/l	100
4) Vinyl Chloride	2.259	62	54785	21.92	ug/l	99
5) Bromomethane	2.644	94	37702	20.97	ug/l	97
6) Chloroethane	2.796	64	32775	21.31	ug/l	96
7) Trichlorofluoromethane	3.131	101	69579	21.27	ug/l	96
8) Diethyl Ether	3.540	74	22167	21.13	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	37850	22.33	ug/l	96
10) Methyl Iodide	4.095	142	45480	22.55	ug/l	97
11) Tert butyl alcohol	4.954	59	22863	101.34	ug/l	97
12) 1,1-Dichloroethene	3.875	96	36919	22.30	ug/l	94
13) Acrolein	3.741	56	22093	102.92	ug/l	99
14) Allyl chloride	4.491	41	74891	20.90	ug/l	98
15) Acrylonitrile	5.180	53	59896	102.11	ug/l	99
16) Acetone	3.954	43	50991	95.03	ug/l	98
17) Carbon Disulfide	4.198	76	116675	21.16	ug/l	99
18) Methyl Acetate	4.479	43	29144	20.42	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	105041	20.38	ug/l	99
20) Methylene Chloride	4.722	84	44959	22.36	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	41504	21.88	ug/l	93
22) Diisopropyl ether	6.119	45	146746	21.02	ug/l	# 92
23) Vinyl Acetate	6.064	43	491778	101.68	ug/l	96
24) 1,1-Dichloroethane	6.021	63	73343	20.97	ug/l	100
25) 2-Butanone	6.990	43	80958	96.83	ug/l	94
26) 2,2-Dichloropropane	6.990	77	70783	21.63	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	46006	21.99	ug/l	96
28) Bromochloromethane	7.338	49	34232	21.08	ug/l	83
29) Tetrahydrofuran	7.350	42	56364	100.28	ug/l	95
30) Chloroform	7.509	83	74695	21.27	ug/l	99
31) Cyclohexane	7.783	56	76224	20.95	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	68404	20.90	ug/l	97
36) 1,1-Dichloropropene	7.917	75	58682	21.02	ug/l	100
37) Ethyl Acetate	7.076	43	38403	20.44	ug/l	99
38) Carbon Tetrachloride	7.899	117	62572	21.17	ug/l	95
39) Methylcyclohexane	9.185	83	73118	21.77	ug/l	97
40) Benzene	8.161	78	163838	21.42	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	34547m	32.69	ug/l	
42) 1,2-Dichloroethane	8.240	62	53931	20.49	ug/l	99
43) Isopropyl Acetate	8.277	43	72707	20.32	ug/l	96
44) Trichloroethene	8.941	130	45107	21.56	ug/l	95
45) 1,2-Dichloropropane	9.216	63	42466	21.41	ug/l	100
46) Dibromomethane	9.307	93	22949	20.83	ug/l	94
47) Bromodichloromethane	9.496	83	58209	21.17	ug/l	100
48) Methyl methacrylate	9.295	41	33398	19.72	ug/l	96
49) 1,4-Dioxane	9.295	88	5276	353.62	ug/l #	72
51) 4-Methyl-2-Pentanone	10.069	43	188111	99.13	ug/l	98
52) Toluene	10.240	92	103648	21.39	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	61896	20.84	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	70738	21.83	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	33208	22.21	ug/l	95
56) Ethyl methacrylate	10.508	69	47215	20.99	ug/l	94
57) 1,3-Dichloropropane	10.788	76	57139	21.00	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	125211	112.10	ug/l	97
59) 2-Hexanone	10.831	43	130972	99.14	ug/l	95
60) Dibromochloromethane	10.983	129	40755	21.05	ug/l	99
61) 1,2-Dibromoethane	11.087	107	31525	21.47	ug/l	98
64) Tetrachloroethene	10.715	164	51139	22.29	ug/l	97
65) Chlorobenzene	11.514	112	108117	21.63	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	41494	21.75	ug/l	97
67) Ethyl Benzene	11.593	91	205213	21.85	ug/l	99
68) m/p-Xylenes	11.697	106	150220	43.16	ug/l	94
69) o-Xylene	12.026	106	69775	21.39	ug/l	96
70) Styrene	12.044	104	122037	21.81	ug/l	98
71) Bromoform	12.203	173	27037	21.56	ug/l #	97
73) Isopropylbenzene	12.331	105	200663	21.74	ug/l	99
74) N-amyl acetate	12.142	43	65764	19.91	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	36914	21.07	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	26804m	19.27	ug/l	
77) Bromobenzene	12.605	156	48506	21.52	ug/l	91
78) n-propylbenzene	12.666	91	237907	21.52	ug/l	99
79) 2-Chlorotoluene	12.751	91	135692	21.78	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	171490	21.47	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	14778	20.17	ug/l #	85
82) 4-Chlorotoluene	12.855	91	139921	21.10	ug/l	97
83) tert-Butylbenzene	13.075	119	144592	21.38	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	170986	21.58	ug/l	97
85) sec-Butylbenzene	13.251	105	199406	21.45	ug/l	98
86) p-Isopropyltoluene	13.367	119	186956	21.35	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	93449	21.49	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	93841	22.00	ug/l	97
89) n-Butylbenzene	13.696	91	177674	21.36	ug/l	99
90) Hexachloroethane	13.959	117	34590	21.81	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	83966	22.07	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7658	20.77	ug/l	82
93) 1,2,4-Trichlorobenzene	15.001	180	60597	21.62	ug/l	99
94) Hexachlorobutadiene	15.111	225	39569	21.34	ug/l	99
95) Naphthalene	15.233	128	107897	20.43	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51059	20.69	ug/l	98

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

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