

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
 Data File : VY003900.D
 Acq On : 12 Jan 2021 14:56
 Operator : SY/MD
 Sample : VY0112SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0112SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/13/2021 4:36:47 PM

Quant Time: Jan 13 02:32:23 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	128328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	190696	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	178914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	98049	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	102597	51.47	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.94%			
35) Dibromofluoromethane	7.722	113	79498	51.01	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.02%			
50) Toluene-d8	10.179	98	323112	51.16	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.32%			
62) 4-Bromofluorobenzene	12.477	95	118662	51.45	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	36216	21.71	ug/l	97
3) Chloromethane	2.113	50	45693	20.87	ug/l	93
4) Vinyl Chloride	2.253	62	46460	20.24	ug/l	100
5) Bromomethane	2.644	94	32945	19.95	ug/l	98
6) Chloroethane	2.796	64	28879	20.44	ug/l	93
7) Trichlorofluoromethane	3.131	101	61355	20.42	ug/l	98
8) Diethyl Ether	3.534	74	19637	20.38	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.912	101	32015	20.56	ug/l	94
10) Methyl Iodide	4.095	142	36841	19.88	ug/l	97
11) Tert butyl alcohol	4.972	59	20281	97.86	ug/l	97
12) 1,1-Dichloroethene	3.875	96	31327	20.60	ug/l	87
13) Acrolein	3.741	56	19139	97.06	ug/l	96
14) Allyl chloride	4.491	41	66337	20.16	ug/l	96
15) Acrylonitrile	5.174	53	53119	98.57	ug/l	99
16) Acetone	3.954	43	48725	98.85	ug/l	95
17) Carbon Disulfide	4.198	76	105206	20.77	ug/l	99
18) Methyl Acetate	4.485	43	25257	19.26	ug/l	96
19) Methyl tert-butyl Ether	5.229	73	94209	19.90	ug/l	99
20) Methylene Chloride	4.716	84	46152	24.99	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	34225	19.64	ug/l	94
22) Diisopropyl ether	6.131	45	129064	20.12	ug/l	96
23) Vinyl Acetate	6.064	43	447372	100.69	ug/l	96
24) 1,1-Dichloroethane	6.021	63	63445	19.74	ug/l	98
25) 2-Butanone	6.990	43	74790	97.38	ug/l	91
26) 2,2-Dichloropropane	6.984	77	60470	20.12	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	38449	20.01	ug/l	93
28) Bromochloromethane	7.338	49	30018	20.12	ug/l	84
29) Tetrahydrofuran	7.356	42	50381	97.57	ug/l	93
30) Chloroform	7.515	83	63733	19.75	ug/l	98
31) Cyclohexane	7.789	56	67827	20.29	ug/l	90
32) 1,1,1-Trichloroethane	7.710	97	58838	19.57	ug/l	94
36) 1,1-Dichloropropene	7.917	75	52009	19.92	ug/l	99
37) Ethyl Acetate	7.082	43	35507	20.21	ug/l	97
38) Carbon Tetrachloride	7.905	117	54167	19.60	ug/l	97
39) Methylcyclohexane	9.179	83	62927	20.04	ug/l	96
40) Benzene	8.161	78	140462	19.65	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	19466m	19.70	ug/l	
42) 1,2-Dichloroethane	8.240	62	48671	19.78	ug/l	99
43) Isopropyl Acetate	8.277	43	66984	20.03	ug/l	94
44) Trichloroethene	8.941	130	38290	19.58	ug/l	93
45) 1,2-Dichloropropane	9.216	63	37704	20.34	ug/l	100
46) Dibromomethane	9.307	93	20140	19.55	ug/l	92
47) Bromodichloromethane	9.496	83	50944	19.82	ug/l	97
48) Methyl methacrylate	9.295	41	32176	20.32	ug/l	90
49) 1,4-Dioxane	9.307	88	5369	384.94	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	173064	97.55	ug/l	95
52) Toluene	10.240	92	90389	19.96	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	53765	19.36	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	59933	19.79	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	27757	19.86	ug/l	94
56) Ethyl methacrylate	10.508	69	40042	19.04	ug/l #	87
57) 1,3-Dichloropropane	10.789	76	50171	19.73	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	109157	104.54	ug/l	95
59) 2-Hexanone	10.831	43	119976	97.15	ug/l	95
60) Dibromochloromethane	10.984	129	35344	19.53	ug/l	99
61) 1,2-Dibromoethane	11.087	107	27543	20.07	ug/l	98
64) Tetrachloroethene	10.715	164	42139	19.38	ug/l	93
65) Chlorobenzene	11.514	112	92924	19.60	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	36162	19.99	ug/l	98
67) Ethyl Benzene	11.593	91	176943	19.87	ug/l	100
68) m/p-Xylenes	11.697	106	131436	39.83	ug/l	95
69) o-Xylene	12.026	106	62177	20.10	ug/l	99
70) Styrene	12.044	104	107017	20.17	ug/l	98
71) Bromoform	12.203	173	24064	20.24	ug/l #	98
73) Isopropylbenzene	12.325	105	171744	19.52	ug/l	99
74) N-amyl acetate	12.142	43	60242	19.14	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	33447	20.03	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	25437m	19.19	ug/l	
77) Bromobenzene	12.605	156	42059	19.58	ug/l	87
78) n-propylbenzene	12.666	91	207621	19.70	ug/l	98
79) 2-Chlorotoluene	12.752	91	117579	19.80	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	151421	19.89	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	13581	19.45	ug/l #	90
82) 4-Chlorotoluene	12.849	91	125523	19.86	ug/l	97
83) tert-Butylbenzene	13.069	119	127468	19.78	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	150027	19.87	ug/l	96
85) sec-Butylbenzene	13.251	105	174456	19.69	ug/l	98
86) p-Isopropyltoluene	13.367	119	162871	19.51	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	79018	19.07	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	79025	19.43	ug/l	97
89) n-Butylbenzene	13.690	91	157198	19.83	ug/l	98
90) Hexachloroethane	13.959	117	29843	19.74	ug/l	95
91) 1,2-Dichlorobenzene	13.733	146	71427	19.70	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6899	19.63	ug/l	85
93) 1,2,4-Trichlorobenzene	15.001	180	53743	20.11	ug/l	98
94) Hexachlorobutadiene	15.105	225	35306	19.98	ug/l	99
95) Naphthalene	15.233	128	97613	19.39	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	45921	19.52	ug/l	99

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

