

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU041976.D
 Acq On : 13 Jan 2021 12:13
 Operator : SY/MD
 Sample : VSTD00104
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00104

Manual Integrations
 APPROVED

MMDadoda
 1/19/2021 3:12:50 PM

Quant Time: Jan 14 00:01:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 14 00:00:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	125107	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	115165	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	52314	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	9061	0.88	ug/L	0.00
7) Chloroethane-d5	1.919	69	9214	0.96	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.578	63	18106	0.91	ug/L	0.00
20) 2-Butanone-d5	4.658	46	31066	10.74	ug/L	0.00
24) Chloroform-d	5.079	84	19528	1.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	10486	1.02	ug/L	0.00
32) Benzene-d6	5.742	84	34305	0.98	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	11153	1.02	ug/L	0.00
41) Toluene-d8	7.902	98	31880	1.03	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	4384	0.97	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	21600	9.44	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.754	84	8505	0.90	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.188	152	9397	0.95	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	9931	0.84	ug/L	99
3) Chloromethane	1.523	50	13229	0.99	ug/L	95
5) Vinyl chloride	1.607	62	12359	0.86	ug/L	95
6) Bromomethane	1.864	94	8305	0.96	ug/L	97
8) Chloroethane	1.938	64	7671	0.88	ug/L	93
9) Trichlorofluoromethane	2.147	101	16242	0.88	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	8668	0.86	ug/L	98
12) 1,1-Dichloroethene	2.588	96	8298	0.85	ug/L	87
13) Acetone	2.678	43	17827m	9.20	ug/L	
14) Carbon disulfide	2.803	76	27864	0.90	ug/L	99
15) Methyl Acetate	2.970	43	4490	1.01	ug/L #	82
16) Methylene chloride	3.057	84	9960	0.82	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	21484	0.92	ug/L	97
18) trans-1,2-Dichloroethene	3.366	96	8176	0.86	ug/L	88
19) 1,1-Dichloroethane	3.887	63	17192	0.95	ug/L	97
21) 2-Butanone	4.735	43	26342	8.92	ug/L	95
22) cis-1,2-Dichloroethene	4.681	96	9280	0.93	ug/L	90
23) Bromochloromethane	4.993	128	4166	0.90	ug/L	94
25) Chloroform	5.105	83	17631	0.94	ug/L	97
27) 1,2-Dichloroethane	5.806	62	11095	0.92	ug/L	98
29) 1,1,1-Trichloroethane	5.333	97	14424	0.93	ug/L	98
30) Cyclohexane	5.401	56	14133	0.94	ug/L	99
31) Carbon tetrachloride	5.536	117	12441	0.92	ug/L	96
33) Benzene	5.787	78	34965	0.91	ug/L	100
34) Trichloroethene	6.552	95	8607	0.86	ug/L	96
35) Methylcyclohexane	6.771	83	13206	0.89	ug/L	94
37) 1,2-Dichloropropane	6.800	63	8696	0.90	ug/L	99
38) Bromodichloromethane	7.115	83	11873	0.93	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	12651	0.88	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	61114	9.86	ug/L	97
42) Toluene	7.973	91	37167	0.93	ug/L	97
44) trans-1,3-Dichloropropene	8.214	75	11375	0.91	ug/L	93

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45) 1,1,2-Trichloroethane	8.404	97	6514	0.90	ug/L	94
47) Tetrachloroethene	8.555	164	5911	0.87	ug/L	91
48) 2-Hexanone	8.693	43	42217	9.51	ug/L	95
49) Dibromochloromethane	8.816	129	7199	0.83	ug/L	95
50) 1,2-Dibromoethane	8.928	107	6304	0.93	ug/L #	91
51) Chlorobenzene	9.449	112	20749	0.85	ug/L	96
52) Ethylbenzene	9.571	91	33084	0.80	ug/L	100
53) m,p-Xylene	9.697	106	11949	0.79	ug/L	100
54) o-Xylene	10.099	106	11737	0.80	ug/L	94
55) Styrene	10.115	104	19414	0.77	ug/L	97
56) Isopropylbenzene	10.484	105	29245	0.74	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.780	83	7450	0.80	ug/L	100
59) 1,2,3-Trichloropropane	10.822	75	6482	0.95	ug/L	100
61) Bromoform	10.291	173	3829	0.87	ug/L #	97
62) 1,3-Dichlorobenzene	11.745	146	14689	0.88	ug/L	92
63) 1,4-Dichlorobenzene	11.832	146	14951	0.89	ug/L	98
65) 1,2-Dichlorobenzene	12.208	146	13994	0.87	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.989	75	1424	0.98	ug/L	89
67) 1,3,5-Trichlorobenzene	13.208	180	10121	0.83	ug/L	98
68) 1,2,4-trichlorobenzene	13.828	180	6533	0.71	ug/L	100
69) Naphthalene	14.076	128	8993	0.57	ug/L	99
70) 1,2,3-Trichlorobenzene	14.317	180	6077	0.70	ug/L	93

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

