

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU041975.D
 Acq On : 13 Jan 2021 11:48
 Operator : SY/MD
 Sample : VSTD0.503
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.503

Manual Integrations
 APPROVED

MMDadoda
 1/19/2021 3:12:44 PM

Quant Time: Jan 14 00:00:54 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	6.256	114	132552	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	115099	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.806	152	52131	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	4892	0.45	ug/L	0.00
7) Chloroethane-d5	1.919	69	4060	0.40	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	9154	0.44	ug/L	0.00
20) 2-Butanone-d5	4.655	46	15837m	5.17	ug/L	0.00
24) Chloroform-d	5.079	84	9853	0.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	5359	0.49	ug/L	0.00
32) Benzene-d6	5.739	84	16716	0.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	5775	0.53	ug/L	0.00
41) Toluene-d8	7.902	98	15669	0.50	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	2429	0.54	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	10988	4.80	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.754	84	4158	0.44	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.188	152	4788	0.49	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	5972	0.48	ug/L	97
3) Chloromethane	1.520	50	7962	0.56	ug/L	98
5) Vinyl chloride	1.607	62	8000	0.53	ug/L	99
6) Bromomethane	1.861	94	5069	0.55	ug/L	100
8) Chloroethane	1.938	64	5298	0.57	ug/L	96
9) Trichlorofluoromethane	2.144	101	9909	0.51	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	5019	0.47	ug/L	98
12) 1,1-Dichloroethene	2.584	96	5044	0.48	ug/L	97
13) Acetone	2.661	43	10593m	5.16	ug/L	
14) Carbon disulfide	2.800	76	16300	0.50	ug/L	97
15) Methyl Acetate	2.967	43	2166	0.46	ug/L #	86
16) Methylene chloride	3.057	84	6884	0.53	ug/L	96
17) Methyl tert-butyl Ether	3.375	73	13066	0.53	ug/L #	88
18) trans-1,2-Dichloroethene	3.362	96	5341	0.53	ug/L	93
19) 1,1-Dichloroethane	3.880	63	9965	0.52	ug/L	98
21) 2-Butanone	4.742	43	16059	5.13	ug/L	88
22) cis-1,2-Dichloroethene	4.681	96	5443	0.51	ug/L	99
23) Bromochloromethane	4.986	128	2573	0.52	ug/L #	87
25) Chloroform	5.102	83	10919	0.55	ug/L	99
27) 1,2-Dichloroethane	5.806	62	6321	0.50	ug/L	99
29) 1,1,1-Trichloroethane	5.330	97	8509	0.55	ug/L	94
30) Cyclohexane	5.398	56	7815	0.52	ug/L	96
31) Carbon tetrachloride	5.530	117	6689	0.50	ug/L	98
33) Benzene	5.784	78	20554	0.53	ug/L	100
34) Trichloroethene	6.549	95	5178	0.52	ug/L	97
35) Methylcyclohexane	6.767	83	7844	0.53	ug/L	97
37) 1,2-Dichloropropane	6.800	63	5475	0.56	ug/L #	95
38) Bromodichloromethane	7.111	83	7403	0.58	ug/L	100
39) cis-1,3-Dichloropropene	7.616	75	7632	0.53	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	36516	5.89	ug/L	99
42) Toluene	7.973	91	21583	0.54	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	7089	0.57	ug/L	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	4058	0.56	ug/L	96
47) Tetrachloroethene	8.555	164	3282	0.48	ug/L	97
48) 2-Hexanone	8.690	43	25163	5.67	ug/L	94
49) Dibromochloromethane	8.812	129	3841	0.45	ug/L	96
50) 1,2-Dibromoethane	8.928	107	3633	0.54	ug/L #	88
51) Chlorobenzene	9.449	112	12269	0.50	ug/L	94
52) Ethylbenzene	9.571	91	19989	0.49	ug/L	93
53) m,p-Xylene	9.693	106	6665	0.44	ug/L	98
54) o-Xylene	10.098	106	6292	0.43	ug/L	99
55) Styrene	10.111	104	10406	0.41	ug/L	99
56) Isopropylbenzene	10.481	105	16742	0.43	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.780	83	4773	0.51	ug/L	90
59) 1,2,3-Trichloropropane	10.822	75	3481	0.51	ug/L	98
61) Bromoform	10.295	173	2426	0.55	ug/L #	86
62) 1,3-Dichlorobenzene	11.742	146	8112	0.49	ug/L	91
63) 1,4-Dichlorobenzene	11.832	146	8277	0.50	ug/L	95
65) 1,2-Dichlorobenzene	12.208	146	8561	0.53	ug/L	94
66) 1,2-Dibromo-3-chloropr...	12.986	75	727	0.50	ug/L	92
67) 1,3,5-Trichlorobenzene	13.211	180	6055	0.50	ug/L	98
68) 1,2,4-trichlorobenzene	13.828	180	3960	0.43	ug/L	96
69) Naphthalene	14.076	128	5727	0.37	ug/L #	93
70) 1,2,3-Trichlorobenzene	14.317	180	3669	0.43	ug/L	99

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

