

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061122\
 Data File : VU049052.D
 Acq On : 11 Jun 2022 14:06
 Operator : SY/MD
 Sample : VSTD02030
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020030

Quant Time: Jun 13 01:07:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:05:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	168163	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	159150	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	88752	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	146744	14.254	ug/L	0.00
7) Chloroethane-d5	1.912	69	164790	17.054	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	77535	15.680	ug/L	0.00
20) 2-Butanone-d5	4.632	46	935061	280.877	ug/L	0.00
24) Chloroform-d	5.063	84	505137	20.943	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	286516	21.654	ug/L	0.00
32) Benzene-d6	5.729	84	926370	20.258	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	317956	21.922	ug/L	0.00
41) Toluene-d8	7.899	98	794174	18.922	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	115853	19.838	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	752543	244.107	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	292036	20.483	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	333132	18.296	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	346805	28.323	ug/L	99
3) Chloromethane	1.520	50	306296	26.818	ug/L	100
5) Vinyl chloride	1.604	62	282917	24.756	ug/L	96
6) Bromomethane	1.858	94	166393	28.971	ug/L	93
8) Chloroethane	1.932	64	149369	22.399	ug/L	99
9) Trichlorofluoromethane	2.134	101	369806	24.535	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	199951	22.024	ug/L	100
12) 1,1-Dichloroethene	2.578	96	198957	22.722	ug/L	96
13) Acetone	2.649	43	440985	310.059	ug/L	99
14) Carbon disulfide	2.790	76	683223	24.901	ug/L	99
15) Methyl Acetate	2.957	43	108756	28.906	ug/L	99
16) Methylene chloride	3.044	84	232468	18.420	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	596147	26.325	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	224145	23.584	ug/L	100
19) 1,1-Dichloroethane	3.870	63	428070	25.204	ug/L	99
21) 2-Butanone	4.713	43	789100	306.253	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	257094	24.515	ug/L	97
23) Bromochloromethane	4.977	128	120677	23.300	ug/L	97
25) Chloroform	5.089	83	455021	24.659	ug/L	100
27) 1,2-Dichloroethane	5.793	62	311302	26.056	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	410704	26.800	ug/L	100
30) Cyclohexane	5.388	56	370288	28.011	ug/L	98
31) Carbon tetrachloride	5.526	117	358893	26.669	ug/L	99
33) Benzene	5.774	78	978683	25.737	ug/L	100
34) Trichloroethene	6.542	95	255487	25.487	ug/L	98
35) Methylcyclohexane	6.764	83	399351	27.315	ug/L	99
37) 1,2-Dichloropropane	6.790	63	254832	25.909	ug/L	98
38) Bromodichloromethane	7.105	83	340502	25.426	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	393995	26.464	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	1868614	278.142	ug/L	99
42) Toluene	7.970	91	1033284	25.198	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	350006	26.327	ug/L	100

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45) 1,1,2-Trichloroethane	8.401	97	191574	23.809	ug/L	99
47) Tetrachloroethene	8.552	164	197531	23.581	ug/L	97
48) 2-Hexanone	8.687	43	1379102	270.991	ug/L	99
49) Dibromochloromethane	8.812	129	239102	23.988	ug/L	100
50) 1,2-Dibromoethane	8.925	107	187052	23.505	ug/L	99
51) Chlorobenzene	9.446	112	671275	24.253	ug/L	99
52) Ethylbenzene	9.571	91	1123457	26.070	ug/L	99
53) m,p-Xylene	9.693	106	456199	26.912	ug/L	99
54) o-Xylene	10.099	106	446184	26.906	ug/L	96
55) Styrene	10.115	104	763756	26.848	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	251556	23.387	ug/L	99
59) Bromoform	10.291	173	144422	22.558	ug/L	99
60) Isopropylbenzene	10.484	105	1150981	26.555	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	187326	23.712	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	1010553	33.787	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	1027841	28.462	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	540477	23.163	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	537009	22.758	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	526283	22.800	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	48000	25.661	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	422802	21.877	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	367355	22.113	ug/L	99
71) Naphthalene	14.085	128	721265	23.740	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	346614	21.649	ug/L	97

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

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