

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050087.D
 Acq On : 05 Aug 2022 09:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005148

Quant Time: Aug 06 04:29:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 05 04:52:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	89378	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	88856	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	42493	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	35150	4.726	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.600%	
7) Chloroethane-d5	1.909	69	29882	4.980	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.600%	
11) 1,1-Dichloroethene-d2	2.565	65	13247	4.557	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.200%	
20) 2-Butanone-d5	4.636	46	112722	62.145	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	124.300%	
24) Chloroform-d	5.064	84	70220	5.075	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
26) 1,2-Dichloroethane-d4	5.703	65	36321	5.113	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	5.726	84	137163	4.947	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.690	67	45662	5.001	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.000%	
41) Toluene-d8	7.899	98	119089	4.863	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.200%	
43) trans-1,3-Dichloroprop...	8.179	79	16751	5.119	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.400%	
46) 2-Hexanone-d5	8.636	63	70054	60.373	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	120.740%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42656	5.320	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	40155	4.823	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	43060	5.255	ug/L	100
3) Chloromethane	1.520	50	52033	4.854	ug/L	100
5) Vinyl chloride	1.601	62	49040	5.107	ug/L	99
6) Bromomethane	1.855	94	26402	4.307	ug/L	99
8) Chloroethane	1.932	64	29616	5.234	ug/L	99
9) Trichlorofluoromethane	2.134	101	55282	5.257	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	32136	5.494	ug/L	97
12) 1,1-Dichloroethene	2.578	96	31642	5.122	ug/L	87
13) Acetone	2.642	43	54879	54.327	ug/L	100
14) Carbon disulfide	2.790	76	109247	4.951	ug/L	100
15) Methyl Acetate	2.954	43	15112	5.479	ug/L	93
16) Methylene chloride	3.044	84	45811	4.853	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	83420	5.174	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	35620	5.149	ug/L	99
19) 1,1-Dichloroethane	3.867	63	67893	5.183	ug/L	99
21) 2-Butanone	4.713	43	111534	61.401	ug/L	92
22) cis-1,2-Dichloroethene	4.668	96	40181	5.233	ug/L	99
23) Bromochloromethane	4.977	128	19147	5.218	ug/L	96
25) Chloroform	5.089	83	72201	5.170	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	42866	5.043	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	56635	5.196	ug/L	99
30) Cyclohexane	5.391	56	49715	5.235	ug/L	99
31) Carbon tetrachloride	5.523	117	46423	5.195	ug/L	100
33) Benzene	5.774	78	161607	5.191	ug/L	100
34) Trichloroethene	6.543	95	38751	5.147	ug/L	96
35) Methylcyclohexane	6.764	83	51297	5.278	ug/L	99
37) 1,2-Dichloropropane	6.793	63	42806	5.162	ug/L	100
38) Bromodichloromethane	7.105	83	51837	5.146	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	57330	5.297	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	257603	53.633	ug/L	99
42) Toluene	7.970	91	166879	5.345	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	48947	5.273	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	32093	5.177	ug/L	98
47) Tetrachloroethene	8.555	164	27982	5.187	ug/L	97
48) 2-Hexanone	8.687	43	205095	55.209	ug/L	99
49) Dibromochloromethane	8.813	129	35692	5.202	ug/L	98
50) 1,2-Dibromoethane	8.925	107	30310	5.393	ug/L	98
51) Chlorobenzene	9.446	112	101307	5.157	ug/L	99
52) Ethylbenzene	9.571	91	157551	5.171	ug/L	100
53) m,p-Xylene	9.694	106	60258	5.370	ug/L	100
54) o-Xylene	10.102	106	60297	5.384	ug/L	98
55) Styrene	10.115	104	102870	5.498	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.784	83	42670	5.238	ug/L	99
59) Bromoform	10.292	173	21052	4.940	ug/L	98
60) Isopropylbenzene	10.485	105	145984	5.144	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	29365	5.073	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	39544	4.932	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	110896	5.077	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	72707	5.083	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	70520	5.067	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	70927	5.120	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	5967	5.257	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	50529	4.959	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	40403	5.233	ug/L	98
71) Naphthalene	14.089	128	76927	4.859	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	40280	5.147	ug/L	98

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

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