

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052553.D
 Acq On : 27 Dec 2022 10:19
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005118

Quant Time: Dec 28 01:15:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 24 03:53:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	172073	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	163443	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	88350	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	75306	4.320	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.400%	
7) Chloroethane-d5	1.916	69	70677	4.701	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.000%	
11) 1,1-Dichloroethene-d2	2.568	65	33371	4.449	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.000%	
20) 2-Butanone-d5	4.645	46	305692	56.547	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.100%	
24) Chloroform-d	5.060	84	153587	5.222	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
26) 1,2-Dichloroethane-d4	5.700	65	84811	4.971	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
32) Benzene-d6	5.726	84	296040	5.283	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.600%	
36) 1,2-Dichloropropane-d6	6.687	67	101851	5.280	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.600%	
41) Toluene-d8	7.896	98	261089	5.550	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.000%	
43) trans-1,3-Dichloroprop...	8.176	79	38262	5.793	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	115.800%	
46) 2-Hexanone-d5	8.632	63	220681	61.067	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	122.140%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	91196	5.568	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	111.400%	
66) 1,2-Dichlorobenzene-d4	12.188	152	92599	5.148	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	77080	5.034	ug/L	100
3) Chloromethane	1.523	50	114688	5.189	ug/L	99
5) Vinyl chloride	1.607	62	102462	5.114	ug/L	97
6) Bromomethane	1.861	94	44483	3.895	ug/L	100
8) Chloroethane	1.938	64	65043	4.740	ug/L	94
9) Trichlorofluoromethane	2.141	101	119971	5.296	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	71267	5.293	ug/L	98
12) 1,1-Dichloroethene	2.581	96	67594	5.245	ug/L	98
13) Acetone	2.665	43	198853	49.898	ug/L	99
14) Carbon disulfide	2.793	76	219994	5.298	ug/L	99
15) Methyl Acetate	2.960	43	46921	5.344	ug/L	100
16) Methylene chloride	3.047	84	87811	4.824	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	178799	5.197	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	71385	5.375	ug/L	99
19) 1,1-Dichloroethane	3.867	63	154070	5.334	ug/L	100
21) 2-Butanone	4.722	43	316939	53.999	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	77366	5.308	ug/L	97
23) Bromochloromethane	4.970	128	35942	5.321	ug/L	92
25) Chloroform	5.086	83	143989	5.145	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	100687	5.208	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	117412	5.708	ug/L	97
30) Cyclohexane	5.388	56	123446	5.553	ug/L	99
31) Carbon tetrachloride	5.523	117	100321	5.550	ug/L	99
33) Benzene	5.771	78	321060	5.454	ug/L	100
34) Trichloroethene	6.539	95	72782	5.288	ug/L	99
35) Methylcyclohexane	6.761	83	114872	5.535	ug/L	98
37) 1,2-Dichloropropane	6.787	63	89546	5.451	ug/L	100
38) Bromodichloromethane	7.102	83	109090	5.456	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	117318	5.639	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	670085	55.819	ug/L	97
42) Toluene	7.967	91	322502	5.713	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	105717	5.766	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	62049	5.333	ug/L	97
47) Tetrachloroethene	8.552	164	54220	5.644	ug/L	99
48) 2-Hexanone	8.684	43	511688	56.547	ug/L	98
49) Dibromochloromethane	8.806	129	71098	5.771	ug/L	99
50) 1,2-Dibromoethane	8.922	107	57320	5.420	ug/L	98
51) Chlorobenzene	9.443	112	197328	5.474	ug/L	98
52) Ethylbenzene	9.568	91	321680	5.507	ug/L	99
53) m,p-Xylene	9.690	106	124279	5.770	ug/L	96
54) o-Xylene	10.095	106	121917	5.904	ug/L	97
55) Styrene	10.111	104	213802	5.952	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	89110	5.540	ug/L	99
59) Bromoform	10.288	173	39933	5.144	ug/L	99
60) Isopropylbenzene	10.481	105	313065	5.467	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	64243	5.070	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	250882	5.312	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	256539	5.396	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	151670	5.338	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	152644	5.195	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	146564	5.221	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	14194	4.949	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	108142	5.169	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	87051	4.945	ug/L	99
71) Naphthalene	14.082	128	165658	4.651	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	86395	4.896	ug/L	99

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

