

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062923\
 Data File : VU054688.D
 Acq On : 29 Jun 2023 09:47
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005082

Quant Time: Jun 30 05:18:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 23:55:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	308776	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	290221	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	147270	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	104433	5.314	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	106.200%	
7) Chloroethane-d5	1.914	69	87279	4.744	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.800%	
11) 1,1-Dichloroethene-d2	2.563	65	41786	4.761	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.200%	
20) 2-Butanone-d5	4.634	46	281728	50.992	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.980%	
24) Chloroform-d	5.058	84	192515	4.687	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
26) 1,2-Dichloroethane-d4	5.698	65	92127	4.601	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
32) Benzene-d6	5.724	84	367677	4.557	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	6.689	67	123632	4.589	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.800%	
41) Toluene-d8	7.894	98	323986	4.525	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
43) trans-1,3-Dichloroprop...	8.177	79	44701	4.771	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.400%	
46) 2-Hexanone-d5	8.631	63	192826	49.056	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.120%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	97323	4.844	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	110650	4.454	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	113693	3.941	ug/L	99
3) Chloromethane	1.518	50	141583	4.272	ug/L	99
5) Vinyl chloride	1.602	62	149866	4.405	ug/L	100
6) Bromomethane	1.859	94	77835	4.162	ug/L	93
8) Chloroethane	1.933	64	97071	4.760	ug/L	98
9) Trichlorofluoromethane	2.136	101	195835	4.683	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	120665	4.932	ug/L	97
12) 1,1-Dichloroethene	2.576	96	100872	4.504	ug/L	88
13) Acetone	2.647	43	259081	49.734	ug/L	100
14) Carbon disulfide	2.792	76	251550	3.788	ug/L	100
15) Methyl Acetate	2.952	43	50968	5.280	ug/L	97
16) Methylene chloride	3.042	84	143206	4.547	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	268281	4.853	ug/L	96
18) trans-1,2-Dichloroethene	3.351	96	103169	4.462	ug/L	98
19) 1,1-Dichloroethane	3.865	63	245575	5.132	ug/L	98
21) 2-Butanone	4.711	43	364100	53.855	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	124318	4.721	ug/L	97
23) Bromochloromethane	4.972	128	52466	4.788	ug/L	98
25) Chloroform	5.084	83	237769	5.040	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	138394	5.005	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	195215	4.960	ug/L	98
30) Cyclohexane	5.383	56	186784	4.358	ug/L	97
31) Carbon tetrachloride	5.521	117	162437	4.790	ug/L	99
33) Benzene	5.769	78	498492	4.779	ug/L	100
34) Trichloroethene	6.537	95	125462	4.549	ug/L	95
35) Methylcyclohexane	6.759	83	175058	4.199	ug/L	97
37) 1,2-Dichloropropane	6.788	63	142781	5.063	ug/L	99
38) Bromodichloromethane	7.100	83	165557	5.186	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	193895	5.036	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	822027	54.620	ug/L	97
42) Toluene	7.965	91	525685	4.894	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	160409	5.134	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	95205	5.307	ug/L	98
47) Tetrachloroethene	8.550	164	90468	4.285	ug/L	99
48) 2-Hexanone	8.682	43	605551	54.000	ug/L	97
49) Dibromochloromethane	8.804	129	99448	5.279	ug/L	98
50) 1,2-Dibromoethane	8.920	107	83964	5.098	ug/L	94
51) Chlorobenzene	9.441	112	325531	4.862	ug/L	98
52) Ethylbenzene	9.566	91	560583	4.779	ug/L	98
53) m,p-Xylene	9.692	106	211072	4.898	ug/L	98
54) o-Xylene	10.097	106	204193	4.900	ug/L	99
55) Styrene	10.110	104	351414	5.024	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	124232	5.451	ug/L	97
59) Bromoform	10.286	173	58214	5.506	ug/L	100
60) Isopropylbenzene	10.479	105	563991	5.235	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	82178	5.521	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	445971	5.074	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	456530	5.114	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	260074	5.165	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	255463	5.055	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	237029	5.118	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	18748	5.732	ug/L	86
69) 1,3,5-Trichlorobenzene	13.216	180	192746	5.073	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	151084	4.809	ug/L	100
71) Naphthalene	14.080	128	222548	4.356	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	132003	4.890	ug/L	99

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

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