

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054709.D
 Acq On : 30 Jun 2023 09:08
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005084

Quant Time: Jul 03 06:39:26 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	277858	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	263883	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	130288	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	92412	5.226	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.600%
7) Chloroethane-d5	1.911	69	78768	4.758	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.563	65	37149	4.704	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.000%
20) 2-Butanone-d5	4.627	46	255051	51.300	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.600%
24) Chloroform-d	5.058	84	175739	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.698	65	84113	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.724	84	330552	4.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.688	67	112901	4.609	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.894	98	296936	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.177	79	41660	4.890	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.630	63	175388	49.073	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.140%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	87598	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	104121	4.738	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	106492	4.102	ug/L	99
3) Chloromethane	1.521	50	130199	4.365	ug/L	99
5) Vinyl chloride	1.602	62	136899	4.472	ug/L	98
6) Bromomethane	1.856	94	73454	4.364	ug/L	95
8) Chloroethane	1.933	64	87387	4.762	ug/L	100
9) Trichlorofluoromethane	2.136	101	182256	4.843	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	110192	5.005	ug/L	98
12) 1,1-Dichloroethene	2.576	96	92257	4.578	ug/L	# 84
13) Acetone	2.637	43	271842	57.990	ug/L	100
14) Carbon disulfide	2.788	76	225451	3.772	ug/L	99
15) Methyl Acetate	2.952	43	46893	5.398	ug/L	97
16) Methylene chloride	3.042	84	114539	4.042	ug/L	94
17) Methyl tert-butyl Ether	3.361	73	243949	4.904	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	92113	4.427	ug/L	99
19) 1,1-Dichloroethane	3.865	63	222033	5.156	ug/L	99
21) 2-Butanone	4.708	43	342379	56.277	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	112763	4.759	ug/L	99
23) Bromochloromethane	4.971	128	49567	5.027	ug/L	97
25) Chloroform	5.084	83	219442	5.169	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	129922	5.221	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	180196	5.036	ug/L	98
30) Cyclohexane	5.386	56	162013	4.157	ug/L	100
31) Carbon tetrachloride	5.521	117	151556	4.915	ug/L	100
33) Benzene	5.772	78	451588	4.762	ug/L	100
34) Trichloroethene	6.541	95	117786	4.697	ug/L	94
35) Methylcyclohexane	6.759	83	157481	4.154	ug/L	97
37) 1,2-Dichloropropane	6.785	63	129899	5.066	ug/L	99
38) Bromodichloromethane	7.103	83	154364	5.318	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	174580	4.987	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	744330	54.393	ug/L	98
42) Toluene	7.965	91	480618	4.921	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	147059	5.176	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	86009	5.272	ug/L	98
47) Tetrachloroethene	8.550	164	96166	5.009	ug/L	97
48) 2-Hexanone	8.682	43	570061	55.909	ug/L	97
49) Dibromochloromethane	8.807	129	90949	5.310	ug/L	96
50) 1,2-Dibromoethane	8.920	107	77322	5.163	ug/L	98
51) Chlorobenzene	9.444	112	290921	4.779	ug/L	99
52) Ethylbenzene	9.566	91	502743	4.713	ug/L	98
53) m,p-Xylene	9.692	106	192703	4.918	ug/L	99
54) o-Xylene	10.097	106	183255	4.836	ug/L	98
55) Styrene	10.110	104	321338	5.053	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	112588	5.434	ug/L	99
59) Bromoform	10.286	173	54875	5.867	ug/L	100
60) Isopropylbenzene	10.483	105	506601	5.315	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	75377	5.725	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	394870	5.078	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	402899	5.101	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	235651	5.289	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	230820	5.162	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	215604	5.262	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	17333	5.990	ug/L	84
69) 1,3,5-Trichlorobenzene	13.216	180	173005	5.147	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	132749	4.776	ug/L	99
71) Naphthalene	14.084	128	201724	4.463	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	120676	5.054	ug/L	98

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

