

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061223\
 Data File : VU054480.D
 Acq On : 12 Jun 2023 12:08
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005180

Quant Time: Jun 13 02:21:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 12 00:58:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	303544	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	294751	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	157251	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	104538	5.411	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 108.200%		
7) Chloroethane-d5	1.914	69	112064	6.196	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 124.000%		
11) 1,1-Dichloroethene-d2	2.563	65	46141	5.348	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 107.000%		
20) 2-Butanone-d5	4.634	46	327353	60.271	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 120.540%		
24) Chloroform-d	5.058	84	240102	5.946	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 119.000%		
26) 1,2-Dichloroethane-d4	5.698	65	114877	5.836	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 116.800%		
32) Benzene-d6	5.724	84	469647	5.732	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 114.600%		
36) 1,2-Dichloropropane-d6	6.689	67	156777	5.730	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 114.600%		
41) Toluene-d8	7.894	98	415392	5.713	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 114.200%		
43) trans-1,3-Dichloroprop...	8.177	79	51065	5.367	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 107.400%		
46) 2-Hexanone-d5	8.631	63	225307	56.439	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 112.880%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	115111	5.641	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 112.800%		
66) 1,2-Dichlorobenzene-d4	12.190	152	150122	5.660	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 113.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	137430	4.845	ug/L	100
3) Chloromethane	1.518	50	158195	4.855	ug/L	99
5) Vinyl chloride	1.602	62	167327	5.003	ug/L	99
6) Bromomethane	1.856	94	95716	5.206	ug/L	98
8) Chloroethane	1.933	64	103387	5.158	ug/L	97
9) Trichlorofluoromethane	2.136	101	207169	5.039	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	126329	5.252	ug/L	99
12) 1,1-Dichloroethene	2.576	96	111355	5.058	ug/L #	83
13) Acetone	2.650	43	344418	67.255	ug/L	98
14) Carbon disulfide	2.792	76	323909	4.961	ug/L	99
15) Methyl Acetate	2.959	43	51117	5.387	ug/L	99
16) Methylene chloride	3.042	84	137784	4.451	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	276624	5.090	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	113259	4.982	ug/L	99
19) 1,1-Dichloroethane	3.866	63	240138	5.105	ug/L	98
21) 2-Butanone	4.714	43	405836	61.063	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	133612	5.162	ug/L	96
23) Bromochloromethane	4.972	128	56272	5.224	ug/L	91
25) Chloroform	5.084	83	236316	5.096	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	138992	5.113	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	197979	4.953	ug/L	100
30) Cyclohexane	5.383	56	209221	4.806	ug/L	99
31) Carbon tetrachloride	5.521	117	169327	4.917	ug/L	99
33) Benzene	5.769	78	517500	4.885	ug/L	100
34) Trichloroethene	6.541	95	135622	4.842	ug/L	95
35) Methylcyclohexane	6.759	83	207837	4.909	ug/L	99
37) 1,2-Dichloropropane	6.788	63	139529	4.871	ug/L	100
38) Bromodichloromethane	7.103	83	161740	4.989	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	199471	5.101	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	775973	50.767	ug/L	100
42) Toluene	7.965	91	553938	5.078	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	162348	5.116	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	92513	5.077	ug/L	98
47) Tetrachloroethene	8.550	164	103219	4.814	ug/L	97
48) 2-Hexanone	8.682	43	648733	56.962	ug/L	98
49) Dibromochloromethane	8.807	129	99349	5.193	ug/L	100
50) 1,2-Dibromoethane	8.920	107	85483	5.110	ug/L	96
51) Chlorobenzene	9.444	112	343275	5.048	ug/L	98
52) Ethylbenzene	9.566	91	597186	5.012	ug/L	99
53) m,p-Xylene	9.692	106	223982	5.118	ug/L	100
54) o-Xylene	10.097	106	218307	5.158	ug/L	100
55) Styrene	10.110	104	367630	5.175	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	113416	4.900	ug/L	98
59) Bromoform	10.287	173	59095	5.235	ug/L	98
60) Isopropylbenzene	10.479	105	597742	5.196	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	77738	4.892	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	486405	5.182	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	489195	5.132	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	281721	5.239	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	277613	5.144	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	253688	5.130	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	17704	5.070	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	214389	5.284	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	177335	5.286	ug/L	100
71) Naphthalene	14.084	128	274028	5.023	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	155373	5.391	ug/L	98

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

