

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062123\
 Data File : VU054641.D
 Acq On : 21 Jun 2023 16:49
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005194

Quant Time: Jun 22 02:45:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 22 02:42:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	383314	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	370566	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	188306	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	130388	5.345	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 106.800%		
7) Chloroethane-d5	1.911	69	101586	4.448	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 89.000%		
11) 1,1-Dichloroethene-d2	2.563	65	49646	4.557	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 91.200%		
20) 2-Butanone-d5	4.624	46	289694	42.237	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 84.480%		
24) Chloroform-d	5.058	84	209525	4.109	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 82.200%		
26) 1,2-Dichloroethane-d4	5.698	65	99595	4.007	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 80.200%		
32) Benzene-d6	5.724	84	406475	3.946	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 79.000%		
36) 1,2-Dichloropropane-d6	6.685	67	138267	4.019	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 80.400%		
41) Toluene-d8	7.894	98	371254	4.061	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 81.200%		
43) trans-1,3-Dichloroprop...	8.177	79	50570	4.227	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 84.600%		
46) 2-Hexanone-d5	8.631	63	204803	40.806	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 81.620%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	98540	3.841	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 76.800%		
66) 1,2-Dichlorobenzene-d4	12.187	152	127476	4.013	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 80.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.383	85	148232	4.139	ug/L	99
3) Chloromethane	1.522	50	182147	4.427	ug/L	99
5) Vinyl chloride	1.605	62	188245	4.457	ug/L	99
6) Bromomethane	1.856	94	97752	4.210	ug/L	97
8) Chloroethane	1.933	64	119029	4.702	ug/L	100
9) Trichlorofluoromethane	2.136	101	237214	4.569	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	145669	4.796	ug/L	97
12) 1,1-Dichloroethene	2.576	96	127343	4.580	ug/L #	83
13) Acetone	2.637	43	267267	41.329	ug/L	98
14) Carbon disulfide	2.792	76	334441	4.057	ug/L	99
15) Methyl Acetate	2.952	43	61630	5.143	ug/L	98
16) Methylene chloride	3.042	84	158688	4.059	ug/L	96
17) Methyl tert-butyl Ether	3.357	73	326288	4.755	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	129665	4.517	ug/L	94
19) 1,1-Dichloroethane	3.862	63	299973	5.050	ug/L	99
21) 2-Butanone	4.705	43	433681	51.673	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	161544	4.942	ug/L	95
23) Bromochloromethane	4.972	128	64520	4.743	ug/L	95
25) Chloroform	5.084	83	292027	4.986	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	170275	4.960	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	238340	4.743	ug/L	97
30) Cyclohexane	5.386	56	238601	4.360	ug/L	98
31) Carbon tetrachloride	5.521	117	199690	4.612	ug/L	100
33) Benzene	5.769	78	616649	4.630	ug/L	100
34) Trichloroethene	6.541	95	181605	5.157	ug/L	93
35) Methylcyclohexane	6.759	83	223201	4.193	ug/L	96
37) 1,2-Dichloropropane	6.785	63	180875	5.023	ug/L	99
38) Bromodichloromethane	7.100	83	204502	5.017	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	239822	4.878	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	1021004	53.132	ug/L	97
42) Toluene	7.965	91	656149	4.784	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	196067	4.914	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	111913	4.885	ug/L	99
47) Tetrachloroethene	8.550	164	109728	4.070	ug/L	96
48) 2-Hexanone	8.679	43	729068	50.918	ug/L	97
49) Dibromochloromethane	8.804	129	120629	5.015	ug/L	100
50) 1,2-Dibromoethane	8.920	107	99759	4.743	ug/L #	98
51) Chlorobenzene	9.444	112	390525	4.568	ug/L	98
52) Ethylbenzene	9.566	91	699012	4.667	ug/L	100
53) m,p-Xylene	9.692	106	261193	4.747	ug/L	98
54) o-Xylene	10.097	106	257300	4.835	ug/L	99
55) Styrene	10.110	104	438449	4.909	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	145387	4.997	ug/L	97
59) Bromoform	10.286	173	71753	5.308	ug/L	97
60) Isopropylbenzene	10.479	105	695993	5.052	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	97147	5.105	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	550745	4.900	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	564947	4.949	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	314251	4.880	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	308265	4.770	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	290471	4.905	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	22607	5.406	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	230325	4.741	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	188708	4.697	ug/L	100
71) Naphthalene	14.081	128	293217	4.489	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	165566	4.797	ug/L	99

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

