

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012924\
 Data File : VU057706.D
 Acq On : 29 Jan 2024 09:19
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005136

Quant Time: Jan 30 00:27:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 29 00:26:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	70232	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	63865	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	22547	5.827	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 116.600%		
7) Chloroethane-d5	1.910	69	19395	5.982	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 119.600%		
11) 1,1-Dichloroethene-d2	2.563	65	10153	5.580	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 111.600%		
20) 2-Butanone-d5	4.624	46	41021	56.194	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 112.380%		
24) Chloroform-d	5.055	84	43154	5.494	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.800%		
26) 1,2-Dichloroethane-d4	5.695	65	20742	5.811	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 116.200%		
32) Benzene-d6	5.721	84	83762	5.591	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 111.800%		
36) 1,2-Dichloropropane-d6	6.685	67	25132	5.562	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 111.200%		
41) Toluene-d8	7.894	98	77176	5.427	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 108.600%		
43) trans-1,3-Dichloroprop...	8.177	79	9877	5.485	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 109.600%		
46) 2-Hexanone-d5	8.630	63	35513	61.808	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 123.620%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	17184	5.674	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 113.400%		
66) 1,2-Dichlorobenzene-d4	12.190	152	23853	5.776	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 115.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	24090	4.048	ug/L	99
3) Chloromethane	1.518	50	24693	4.147	ug/L	99
5) Vinyl chloride	1.602	62	26608	4.198	ug/L	100
6) Bromomethane	1.856	94	13162	3.983	ug/L	96
8) Chloroethane	1.933	64	18007	4.744	ug/L	93
9) Trichlorofluoromethane	2.136	101	40689	4.310	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	23089	4.207	ug/L	98
12) 1,1-Dichloroethene	2.576	96	20619	4.040	ug/L	92
13) Acetone	2.637	43	27383	39.476	ug/L	98
14) Carbon disulfide	2.788	76	66386	4.012	ug/L	99
15) Methyl Acetate	2.949	43	7398	4.145	ug/L	91
16) Methylene chloride	3.042	84	22270	4.065	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	52778	4.348	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	22279	4.144	ug/L	99
19) 1,1-Dichloroethane	3.862	63	42726	4.304	ug/L	100
21) 2-Butanone	4.705	43	44007	40.445	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	25008	4.327	ug/L	99
23) Bromochloromethane	4.968	128	10089	4.345	ug/L	98
25) Chloroform	5.081	83	45390	4.309	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	27967	4.558	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	40436	4.313	ug/L	99
30) Cyclohexane	5.383	56	38456	4.252	ug/L	98
31) Carbon tetrachloride	5.518	117	35825	4.332	ug/L	99
33) Benzene	5.769	78	95096	4.341	ug/L	100
34) Trichloroethene	6.537	95	25696	4.255	ug/L	98
35) Methylcyclohexane	6.759	83	41649	4.269	ug/L	98
37) 1,2-Dichloropropane	6.785	63	24277	4.430	ug/L	98
38) Bromodichloromethane	7.100	83	31661	4.293	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	37317	4.381	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	112688	43.093	ug/L	100
42) Toluene	7.965	91	101519	4.298	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	30676	4.432	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	15618	4.382	ug/L	99
47) Tetrachloroethene	8.547	164	18392	4.144	ug/L	97
48) 2-Hexanone	8.682	43	79334	43.235	ug/L	97
49) Dibromochloromethane	8.804	129	19742	4.277	ug/L	97
50) 1,2-Dibromoethane	8.920	107	14962	4.325	ug/L	98
51) Chlorobenzene	9.444	112	63352	4.276	ug/L	99
52) Ethylbenzene	9.566	91	114167	4.290	ug/L	100
53) m,p-Xylene	9.688	106	41152	4.191	ug/L	96
54) o-Xylene	10.097	106	41092	4.293	ug/L	98
55) Styrene	10.109	104	61758	4.217	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.778	83	19062	4.408	ug/L	99
59) Bromoform	10.286	173	10926	4.571	ug/L	99
60) Isopropylbenzene	10.479	105	101040	4.382	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	13582	4.599	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	89888	4.374	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	91366	4.443	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	45642	4.337	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	44297	4.397	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	41950	4.467	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	2908	5.230	ug/L	99
69) 1,3,5-Trichlorobenzene	13.215	180	35136	4.548	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	26665	4.712	ug/L	99
71) Naphthalene	14.084	128	37330	4.660	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	20697	4.699	ug/L	98

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

