

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080924\
 Data File : VU060367.D
 Acq On : 09 Aug 2024 10:49
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005162

Quant Time: Aug 10 04:40:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 08 23:46:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	110735	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	112867	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	59862	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	43281	4.979	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.908	69	40726	5.196	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.560	65	18165	4.910	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	4.634	46	105094	56.971	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.940%
24) Chloroform-d	5.055	84	94204	5.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
26) 1,2-Dichloroethane-d4	5.695	65	42485	5.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.721	84	179334	5.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
36) 1,2-Dichloropropane-d6	6.682	67	59206	5.608	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.200%
41) Toluene-d8	7.895	98	163986	5.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
43) trans-1,3-Dichloroprop...	8.177	79	19284	5.650	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.000%
46) 2-Hexanone-d5	8.628	63	88546	58.455	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.900%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	49415	5.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	57453	5.210	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	32405	5.425	ug/L	99
3) Chloromethane	1.515	50	40722	5.481	ug/L	97
5) Vinyl chloride	1.599	62	47190	5.425	ug/L	97
6) Bromomethane	1.853	94	31064	5.043	ug/L	93
8) Chloroethane	1.930	64	30279	5.132	ug/L	98
9) Trichlorofluoromethane	2.133	101	66217	5.429	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	41622	5.179	ug/L	99
12) 1,1-Dichloroethene	2.573	96	37048	5.074	ug/L	97
13) Acetone	2.654	43	60837	48.295	ug/L	96
14) Carbon disulfide	2.789	76	93425	5.072	ug/L	100
15) Methyl Acetate	2.956	43	14462	5.541	ug/L	99
16) Methylene chloride	3.039	84	47419	4.569	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	92464	5.371	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	36475	5.092	ug/L	96
19) 1,1-Dichloroethane	3.863	63	83131	5.621	ug/L	98
21) 2-Butanone	4.715	43	100607	53.586	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	46375	5.363	ug/L	98
23) Bromochloromethane	4.969	128	22282	5.583	ug/L	95
25) Chloroform	5.081	83	87943	5.467	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.789	62	48765	5.699	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	68752	5.564	ug/L	99
30) Cyclohexane	5.380	56	51925	5.191	ug/L	98
31) Carbon tetrachloride	5.518	117	58367	5.390	ug/L	100
33) Benzene	5.766	78	184436	5.676	ug/L	100
34) Trichloroethene	6.538	95	45853	5.391	ug/L	98
35) Methylcyclohexane	6.756	83	58647	5.280	ug/L	98
37) 1,2-Dichloropropane	6.782	63	52152	5.897	ug/L	98
38) Bromodichloromethane	7.100	83	61513	5.627	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	63022	5.246	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	253315	61.361	ug/L	97
42) Toluene	7.965	91	198318	5.776	ug/L	96
44) trans-1,3-Dichloropropene	8.206	75	55336	5.576	ug/L	92
45) 1,1,2-Trichloroethane	8.393	97	37951	5.603	ug/L	97
47) Tetrachloroethene	8.547	164	34593	5.199	ug/L	98
48) 2-Hexanone	8.679	43	189500	60.551	ug/L	99
49) Dibromochloromethane	8.804	129	40736	5.656	ug/L	96
50) 1,2-Dibromoethane	8.917	107	34066	5.650	ug/L	98
51) Chlorobenzene	9.441	112	124371	5.369	ug/L	96
52) Ethylbenzene	9.563	91	194110	5.366	ug/L	99
53) m,p-Xylene	9.689	106	75158	5.466	ug/L	99
54) o-Xylene	10.094	106	72464	5.508	ug/L	98
55) Styrene	10.110	104	130870	5.749	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	47155	5.599	ug/L	100
59) Bromoform	10.287	173	24529	5.396	ug/L	98
60) Isopropylbenzene	10.480	105	193713	5.359	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	32322	5.577	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	147335	5.295	ug/L	99
63) 1,2,4-Trimethylbenzene	11.464	105	147142	5.366	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	98504	5.347	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	97999	5.278	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	91860	5.281	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	6684	6.152	ug/L	96
69) 1,3,5-Trichlorobenzene	13.213	180	69848	5.018	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	53995	4.940	ug/L	99
71) Naphthalene	14.081	128	75172	4.837	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	48144	4.917	ug/L	97

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

