

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110823\
 Data File : VU056111.D
 Acq On : 08 Nov 2023 08:52
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005139

Quant Time: Nov 08 20:47:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 00:38:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	466784	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	458043	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	221518	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	127959	4.416	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.907	69	81626	4.151	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.563	65	57331	4.491	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	4.621	46	222994	46.914	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.820%
24) Chloroform-d	5.058	84	252836	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.695	65	110699	4.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.721	84	509183	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.685	67	144198	4.453	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.894	98	468957	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.177	79	55300	4.467	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.634	63	194396	47.914	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.820%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	108722	4.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	154934	4.535	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	180589	4.562	ug/L	99
3) Chloromethane	1.515	50	164629	4.439	ug/L	98
5) Vinyl chloride	1.602	62	172458	4.495	ug/L	100
6) Bromomethane	1.853	94	91926	4.172	ug/L	99
8) Chloroethane	1.927	64	88931	4.275	ug/L	97
9) Trichlorofluoromethane	2.133	101	232122	4.575	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	151081	4.674	ug/L	98
12) 1,1-Dichloroethene	2.576	96	140403	4.680	ug/L	97
13) Acetone	2.631	43	153886	43.899	ug/L	99
14) Carbon disulfide	2.788	76	457487	4.475	ug/L	99
15) Methyl Acetate	2.946	43	41211	4.167	ug/L	100
16) Methylene chloride	3.039	84	150619	4.378	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	309495	4.579	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	142488	4.482	ug/L	100
19) 1,1-Dichloroethane	3.862	63	269093	4.640	ug/L	97
21) 2-Butanone	4.702	43	270059	46.714	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	159294	4.642	ug/L	97
23) Bromochloromethane	4.968	128	67831	4.455	ug/L	97
25) Chloroform	5.081	83	281298	4.552	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	156159	4.465	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	247720	4.721	ug/L	98
30) Cyclohexane	5.383	56	222789	4.544	ug/L	99
31) Carbon tetrachloride	5.518	117	213245	4.577	ug/L	99
33) Benzene	5.769	78	626178	4.774	ug/L	100
34) Trichloroethene	6.538	95	165282	4.614	ug/L	98
35) Methylcyclohexane	6.759	83	249559	4.687	ug/L	99
37) 1,2-Dichloropropane	6.788	63	156615	4.592	ug/L	100
38) Bromodichloromethane	7.100	83	191404	4.494	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	220163	4.574	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	695698	46.633	ug/L	99
42) Toluene	7.965	91	661325	4.783	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	176998	4.541	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	106635	4.573	ug/L	98
47) Tetrachloroethene	8.550	164	126350	4.699	ug/L	97
48) 2-Hexanone	8.682	43	507427	46.716	ug/L	99
49) Dibromochloromethane	8.804	129	122182	4.567	ug/L	98
50) 1,2-Dibromoethane	8.920	107	99919	4.586	ug/L	99
51) Chlorobenzene	9.444	112	411638	4.615	ug/L	98
52) Ethylbenzene	9.566	91	713527	4.736	ug/L	100
53) m,p-Xylene	9.692	106	277578	4.844	ug/L	100
54) o-Xylene	10.097	106	262799	4.784	ug/L	98
55) Styrene	10.113	104	443916	4.940	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	126748	4.626	ug/L	98
59) Bromoform	10.287	173	72163	4.691	ug/L	98
60) Isopropylbenzene	10.483	105	709805	4.942	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	86879	4.544	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	575366	4.940	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	579518	5.072	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	329955	4.851	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	317765	4.724	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	297327	4.743	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	16883	4.186	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	242118	4.753	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	187481	4.638	ug/L	99
71) Naphthalene	14.084	128	259187	4.324	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	161092	4.546	ug/L	99

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

