

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071223\
 Data File : VU054778.D
 Acq On : 12 Jul 2023 09:08
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005090

Quant Time: Jul 13 05:23:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR070723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 08 07:50:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	239093	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	227816	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	116101	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	80334	4.452	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.907	69	67683	4.483	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.560	65	32759	4.445	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.628	46	178990	43.654	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.300%
24) Chloroform-d	5.058	84	149369	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.698	65	76637	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.724	84	285594	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.685	67	87809	4.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.894	98	270421	4.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.177	79	34532	4.474	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.631	63	128008	43.291	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.580%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	69843	4.519	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	97209	4.806	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	93112	5.014	ug/L	99
3) Chloromethane	1.518	50	100180	4.830	ug/L	100
5) Vinyl chloride	1.602	62	100354	4.978	ug/L	100
6) Bromomethane	1.853	94	58842	4.803	ug/L	99
8) Chloroethane	1.930	64	56529	4.902	ug/L	98
9) Trichlorofluoromethane	2.132	101	133164	5.069	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	67764	5.164	ug/L	97
12) 1,1-Dichloroethene	2.573	96	62642	5.121	ug/L	91
13) Acetone	2.637	43	100637	47.001	ug/L	99
14) Carbon disulfide	2.788	76	208239	5.056	ug/L	100
15) Methyl Acetate	2.952	43	23360	4.411	ug/L	97
16) Methylene chloride	3.039	84	73212	4.044	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	140046	4.852	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	64642	5.132	ug/L	97
19) 1,1-Dichloroethane	3.862	63	125756	5.150	ug/L	95
21) 2-Butanone	4.705	43	153430	47.551	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	69858	5.094	ug/L	99
23) Bromochloromethane	4.968	128	30938	5.072	ug/L	94
25) Chloroform	5.081	83	127838	4.995	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	80223	4.852	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	115742	5.265	ug/L	98
30) Cyclohexane	5.383	56	103725	5.304	ug/L	99
31) Carbon tetrachloride	5.518	117	101087	5.124	ug/L	99
33) Benzene	5.769	78	272952	5.322	ug/L	100
34) Trichloroethene	6.541	95	72037	5.018	ug/L	99
35) Methylcyclohexane	6.759	83	106056	5.284	ug/L	100
37) 1,2-Dichloropropane	6.785	63	71904	5.342	ug/L	98
38) Bromodichloromethane	7.100	83	89575	5.180	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	103247	5.128	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	360210	47.752	ug/L	99
42) Toluene	7.965	91	288216	5.302	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	86550	4.972	ug/L	92
45) 1,1,2-Trichloroethane	8.396	97	48901	5.074	ug/L	96
47) Tetrachloroethene	8.550	164	59689	5.134	ug/L	99
48) 2-Hexanone	8.682	43	260226	47.907	ug/L	97
49) Dibromochloromethane	8.804	129	57046	5.085	ug/L	93
50) 1,2-Dibromoethane	8.920	107	44668	4.857	ug/L	100
51) Chlorobenzene	9.444	112	177455	5.096	ug/L	96
52) Ethylbenzene	9.566	91	300394	5.162	ug/L	99
53) m,p-Xylene	9.692	106	116299	5.232	ug/L	98
54) o-Xylene	10.097	106	110642	5.329	ug/L	98
55) Styrene	10.113	104	185488	5.284	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	56752	4.830	ug/L	98
59) Bromoform	10.287	173	34758	5.118	ug/L	99
60) Isopropylbenzene	10.483	105	295934	5.493	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	40802	4.823	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	242774	5.432	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	237924	5.571	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	144673	5.333	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	143482	5.310	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	132167	5.301	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.994	75	9541	4.634	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	107880	5.320	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	83901	5.150	ug/L	98
71) Naphthalene	14.084	128	119640	4.650	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	72394	4.970	ug/L	100

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

