

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060823\
 Data File : VU054434.D
 Acq On : 08 Jun 2023 10:09
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005175

Quant Time: Jun 09 05:22:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 08 01:20:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	314985	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	299709	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	157470	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	91442	4.562	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.914	69	85286	4.544	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.567	65	41768	4.665	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.631	46	289945	51.444	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.880%
24) Chloroform-d	5.062	84	200854	4.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.698	65	97692	4.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.724	84	380436	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.685	67	130343	4.685	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.894	98	344400	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.177	79	44631	4.613	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.627	63	194293	47.865	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.720%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	97081	4.679	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	125414	4.722	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	147661	5.017	ug/L	99
3) Chloromethane	1.518	50	170803	5.052	ug/L	100
5) Vinyl chloride	1.605	62	175927	5.069	ug/L	99
6) Bromomethane	1.859	94	98769	5.177	ug/L	96
8) Chloroethane	1.933	64	107010	5.144	ug/L	98
9) Trichlorofluoromethane	2.136	101	219940	5.155	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	129209	5.177	ug/L	98
12) 1,1-Dichloroethene	2.579	96	118024	5.166	ug/L	97
13) Acetone	2.644	43	346738	65.249	ug/L	99
14) Carbon disulfide	2.792	76	346160	5.109	ug/L	99
15) Methyl Acetate	2.956	43	51628	5.243	ug/L	98
16) Methylene chloride	3.046	84	138267	4.304	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	296486	5.258	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	121164	5.137	ug/L	98
19) 1,1-Dichloroethane	3.866	63	252942	5.182	ug/L	98
21) 2-Butanone	4.708	43	412966	59.879	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	140572	5.233	ug/L	96
23) Bromochloromethane	4.972	128	57790	5.170	ug/L	97
25) Chloroform	5.084	83	244433	5.079	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	147162	5.217	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	208298	5.125	ug/L	100
30) Cyclohexane	5.386	56	228341	5.158	ug/L	100
31) Carbon tetrachloride	5.521	117	176209	5.032	ug/L	99
33) Benzene	5.772	78	550202	5.108	ug/L	100
34) Trichloroethene	6.537	95	143393	5.034	ug/L	95
35) Methylcyclohexane	6.759	83	222173	5.160	ug/L	99
37) 1,2-Dichloropropane	6.785	63	147526	5.065	ug/L	100
38) Bromodichloromethane	7.100	83	166327	5.045	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	210412	5.292	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	804202	51.744	ug/L	100
42) Toluene	7.965	91	580749	5.235	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	170065	5.270	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	95443	5.151	ug/L	99
47) Tetrachloroethene	8.550	164	109598	5.027	ug/L	98
48) 2-Hexanone	8.679	43	664080	57.345	ug/L	98
49) Dibromochloromethane	8.804	129	101192	5.202	ug/L	98
50) 1,2-Dibromoethane	8.920	107	88410	5.198	ug/L	100
51) Chlorobenzene	9.444	112	358847	5.190	ug/L	99
52) Ethylbenzene	9.566	91	631166	5.210	ug/L	100
53) m,p-Xylene	9.688	106	237638	5.340	ug/L	99
54) o-Xylene	10.097	106	229511	5.333	ug/L	99
55) Styrene	10.110	104	388727	5.382	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	120159	5.106	ug/L	99
59) Bromoform	10.287	173	58738	5.196	ug/L	99
60) Isopropylbenzene	10.479	105	629183	5.462	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	82499	5.184	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	509798	5.424	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	528763	5.539	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	295311	5.484	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	295680	5.471	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	265188	5.355	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	19149	5.476	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	228158	5.616	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	207219	6.168	ug/L	98
71) Naphthalene	14.081	128	368395	6.744	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	186238	6.453	ug/L	100

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

