

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041823\
 Data File : VU053772.D
 Acq On : 18 Apr 2023 20:18
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005154

Quant Time: Apr 19 05:04:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 19 04:58:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	136442	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	132338	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	72880	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47228	5.032	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.600%		
7) Chloroethane-d5	1.909	69	41690	4.894	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 97.800%		
11) 1,1-Dichloroethene-d2	2.565	65	17167	4.293	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 85.800%		
20) 2-Butanone-d5	4.620	46	97820	45.492	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 90.980%		
24) Chloroform-d	5.060	84	89422	5.139	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.800%		
26) 1,2-Dichloroethane-d4	5.697	65	43400	4.867	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 97.400%		
32) Benzene-d6	5.723	84	172459	4.598	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 92.000%		
36) 1,2-Dichloropropane-d6	6.687	67	54528	4.771	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 95.400%		
41) Toluene-d8	7.893	98	158919	4.491	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 89.800%		
43) trans-1,3-Dichloroprop...	8.176	79	21920	4.998	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 100.000%		
46) 2-Hexanone-d5	8.629	63	87563	49.157	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 98.320%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	45295	4.762	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 95.200%		
66) 1,2-Dichlorobenzene-d4	12.189	152	64285	4.903	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 98.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	50433	5.151	ug/L	98
3) Chloromethane	1.520	50	49778	5.054	ug/L	98
5) Vinyl chloride	1.604	62	59410	5.349	ug/L	98
6) Bromomethane	1.855	94	36123	5.135	ug/L	100
8) Chloroethane	1.932	64	36465	5.648	ug/L	97
9) Trichlorofluoromethane	2.134	101	88192	5.258	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	49942	5.875	ug/L	94
12) 1,1-Dichloroethene	2.578	96	41857	5.418	ug/L	89
13) Acetone	2.633	43	59030	46.258	ug/L #	47
14) Carbon disulfide	2.790	76	98947	4.364	ug/L	99
15) Methyl Acetate	2.948	43	14805	4.946	ug/L #	89
16) Methylene chloride	3.041	84	53605	5.284	ug/L	95
17) Methyl tert-butyl Ether	3.359	73	102504	5.473	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	44193	5.507	ug/L	95
19) 1,1-Dichloroethane	3.864	63	82290	5.567	ug/L	96
21) 2-Butanone	4.700	43	95725	48.310	ug/L	98
22) cis-1,2-Dichloroethene	4.662	96	50023	4.627	ug/L	95
23) Bromochloromethane	4.970	128	23341	6.100	ug/L	91
25) Chloroform	5.083	83	91602	6.024	ug/L	99

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27) 1,2-Dichloroethane	5.790	62	53744	5.643	ug/L	98
29) 1,1,1-Trichloroethane	5.311	97	77846	5.958	ug/L	95
30) Cyclohexane	5.385	56	63608	4.570	ug/L	99
31) Carbon tetrachloride	5.520	117	66187	5.987	ug/L	98
33) Benzene	5.771	78	189055	5.332	ug/L	100
34) Trichloroethene	6.536	95	54147	5.734	ug/L	97
35) Methylcyclohexane	6.758	83	76566	4.725	ug/L	98
37) 1,2-Dichloropropane	6.787	63	50423	5.386	ug/L	98
38) Bromodichloromethane	7.099	83	58167	5.594	ug/L #	97
39) cis-1,3-Dichloropropene	7.604	75	71929	5.200	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	236239	51.562	ug/L	97
42) Toluene	7.964	91	204852	5.287	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	58333	5.183	ug/L	94
45) 1,1,2-Trichloroethane	8.395	97	37006	5.567	ug/L	94
47) Tetrachloroethene	8.549	164	42713	6.156	ug/L	94
48) 2-Hexanone	8.677	43	169887	50.148	ug/L	98
49) Dibromochloromethane	8.806	129	38680	5.884	ug/L	99
50) 1,2-Dibromoethane	8.919	107	34952	5.444	ug/L	96
51) Chlorobenzene	9.443	112	135864	5.560	ug/L	97
52) Ethylbenzene	9.565	91	220489	5.221	ug/L	100
53) m,p-Xylene	9.690	106	85645	5.320	ug/L	97
54) o-Xylene	10.095	106	84181	5.511	ug/L	99
55) Styrene	10.111	104	140947	5.619	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.777	83	45060	5.368	ug/L	98
59) Bromoform	10.285	173	20588	5.486	ug/L	97
60) Isopropylbenzene	10.481	105	226377	5.114	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	30951	5.126	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	185031	5.151	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	187496	5.096	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	110208	5.663	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	108760	5.565	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	102437	5.552	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.996	75	5938	5.071	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.214	180	78777	5.798	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	65519	6.065	ug/L	97
71) Naphthalene	14.082	128	108202	5.316	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	59811	6.343	ug/L	99

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

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