

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062223\
 Data File : VU054643.D
 Acq On : 22 Jun 2023 09:27
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005195

Quant Time: Jun 23 04:26:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 22 02:42:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	313478	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	297573	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	146684	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	110463	5.537	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.800%
7) Chloroethane-d5	1.914	69	86342	4.622	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.563	65	41939	4.707	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.631	46	245765	43.815	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.640%
24) Chloroform-d	5.058	84	179724	4.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.698	65	84054	4.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	5.724	84	347805	4.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.685	67	115231	4.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.894	98	307279	4.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.174	79	39690	4.132	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.631	63	166985	41.433	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.860%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84164	4.086	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	102277	4.134	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	120645	4.119	ug/L	99
3) Chloromethane	1.522	50	149013	4.429	ug/L	100
5) Vinyl chloride	1.605	62	155245	4.495	ug/L	100
6) Bromomethane	1.859	94	80565	4.243	ug/L	96
8) Chloroethane	1.933	64	98733	4.769	ug/L	99
9) Trichlorofluoromethane	2.136	101	197583	4.654	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	116558	4.693	ug/L	98
12) 1,1-Dichloroethene	2.579	96	104379	4.591	ug/L	89
13) Acetone	2.640	43	198755	37.581	ug/L	99
14) Carbon disulfide	2.792	76	275051	4.079	ug/L	99
15) Methyl Acetate	2.952	43	50068	5.109	ug/L	95
16) Methylene chloride	3.046	84	136592	4.272	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	263125	4.689	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	104400	4.447	ug/L	97
19) 1,1-Dichloroethane	3.865	63	250773	5.162	ug/L	99
21) 2-Butanone	4.708	43	337753	49.209	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	126882	4.746	ug/L	99
23) Bromochloromethane	4.972	128	52538	4.723	ug/L	93
25) Chloroform	5.084	83	241312	5.038	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	143972	5.128	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	199147	4.935	ug/L	98
30) Cyclohexane	5.386	56	187952	4.276	ug/L	98
31) Carbon tetrachloride	5.521	117	164737	4.738	ug/L	99
33) Benzene	5.769	78	509501	4.764	ug/L	100
34) Trichloroethene	6.537	95	129703	4.586	ug/L	97
35) Methylcyclohexane	6.759	83	168658	3.946	ug/L	95
37) 1,2-Dichloropropane	6.788	63	144878	5.010	ug/L	100
38) Bromodichloromethane	7.103	83	167786	5.126	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	176722	4.476	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	820022	53.140	ug/L	97
42) Toluene	7.965	91	528218	4.796	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	147432	4.602	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	92753	5.042	ug/L	97
47) Tetrachloroethene	8.550	164	87830	4.057	ug/L	98
48) 2-Hexanone	8.682	43	583632	50.760	ug/L	98
49) Dibromochloromethane	8.807	129	97725	5.059	ug/L	97
50) 1,2-Dibromoethane	8.920	107	83099	4.920	ug/L	94
51) Chlorobenzene	9.444	112	318468	4.639	ug/L	98
52) Ethylbenzene	9.566	91	551229	4.583	ug/L	100
53) m,p-Xylene	9.692	106	203611	4.608	ug/L	97
54) o-Xylene	10.097	106	204164	4.778	ug/L	97
55) Styrene	10.110	104	349982	4.880	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	119852	5.129	ug/L	99
59) Bromoform	10.286	173	57747	5.484	ug/L	100
60) Isopropylbenzene	10.479	105	545782	5.086	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	80402	5.424	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	421537	4.815	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	440461	4.954	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	253249	5.049	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	248461	4.936	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	232192	5.033	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	18083	5.551	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	178502	4.717	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	141354	4.517	ug/L	99
71) Naphthalene	14.081	128	215374	4.233	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	122325	4.550	ug/L	97

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

