

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062223\
 Data File : VU054666.D
 Acq On : 22 Jun 2023 19:15
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005196

Quant Time: Jun 23 04:37:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 04:31:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	297107	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	286903	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	146853	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	99462	5.260	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.200%
7) Chloroethane-d5	1.914	69	81925	4.628	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.563	65	38252	4.530	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.628	46	243083	45.725	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.440%
24) Chloroform-d	5.058	84	167870	4.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.698	65	81374	4.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.724	84	324297	4.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.685	67	108935	4.090	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.894	98	290634	4.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.174	79	39782	4.295	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.627	63	167069	42.995	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.000%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	82266	4.142	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	100712	4.066	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	107547	3.874	ug/L	97
3) Chloromethane	1.522	50	135429	4.247	ug/L	96
5) Vinyl chloride	1.605	62	138596	4.234	ug/L	99
6) Bromomethane	1.859	94	74339	4.131	ug/L	99
8) Chloroethane	1.933	64	91904	4.684	ug/L	95
9) Trichlorofluoromethane	2.136	101	181364	4.507	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	106208	4.511	ug/L	98
12) 1,1-Dichloroethene	2.576	96	94402	4.381	ug/L #	78
13) Acetone	2.641	43	197088	39.319	ug/L	97
14) Carbon disulfide	2.792	76	234184	3.665	ug/L	99
15) Methyl Acetate	2.952	43	47662	5.131	ug/L	93
16) Methylene chloride	3.042	84	124126	4.096	ug/L	94
17) Methyl tert-butyl Ether	3.361	73	254543	4.786	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	97900	4.400	ug/L	96
19) 1,1-Dichloroethane	3.866	63	229191	4.978	ug/L	99
21) 2-Butanone	4.705	43	322806	49.622	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	117937	4.655	ug/L	99
23) Bromochloromethane	4.968	128	48186	4.570	ug/L	96
25) Chloroform	5.084	83	225840	4.975	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	130552	4.906	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	182802	4.699	ug/L	98
30) Cyclohexane	5.383	56	176383	4.162	ug/L	96
31) Carbon tetrachloride	5.521	117	150491	4.489	ug/L	100
33) Benzene	5.769	78	473574	4.593	ug/L	100
34) Trichloroethene	6.538	95	117856	4.322	ug/L	96
35) Methylcyclohexane	6.759	83	161773	3.925	ug/L	97
37) 1,2-Dichloropropane	6.785	63	136112	4.882	ug/L	99
38) Bromodichloromethane	7.100	83	155026	4.912	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	175660	4.615	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	788999	53.031	ug/L	97
42) Toluene	7.965	91	495535	4.667	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	146425	4.740	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	86441	4.874	ug/L	99
47) Tetrachloroethene	8.550	164	85465	4.095	ug/L	99
48) 2-Hexanone	8.679	43	570768	51.487	ug/L	98
49) Dibromochloromethane	8.804	129	91223	4.898	ug/L	97
50) 1,2-Dibromoethane	8.920	107	76242	4.682	ug/L	97
51) Chlorobenzene	9.441	112	304363	4.598	ug/L	98
52) Ethylbenzene	9.566	91	526521	4.540	ug/L	100
53) m,p-Xylene	9.689	106	197671	4.640	ug/L	95
54) o-Xylene	10.097	106	192288	4.667	ug/L	93
55) Styrene	10.110	104	335360	4.850	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	114388	5.078	ug/L	100
59) Bromoform	10.287	173	52574	4.987	ug/L	100
60) Isopropylbenzene	10.479	105	525596	4.892	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	75764	5.105	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	412773	4.709	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	425709	4.782	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	245507	4.889	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	244110	4.844	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	226624	4.907	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	17119	5.249	ug/L	96
69) 1,3,5-Trichlorobenzene	13.213	180	185582	4.898	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	154735	4.939	ug/L	100
71) Naphthalene	14.081	128	245074	4.811	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	134957	5.014	ug/L	99

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

