

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052223\
 Data File : VU054255.D
 Acq On : 22 May 2023 19:34
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005172

Quant Time: May 23 04:03:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 23 02:58:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	179124	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	171903	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	94027	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39134	4.052	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.913	69	31827	4.405	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.565	65	17431	3.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.633	46	88398	51.329	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.660%
24) Chloroform-d	5.057	84	82809	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.697	65	36711	4.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.723	84	153443	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.684	67	46752	4.621	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.893	98	142300	4.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.176	79	18069	4.421	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.629	63	63903	52.515	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.040%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35877	4.947	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	53420	4.656	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	67957	5.018	ug/L	100
3) Chloromethane	1.517	50	67918	5.410	ug/L	99
5) Vinyl chloride	1.604	62	73388	5.503	ug/L	99
6) Bromomethane	1.858	94	40574	5.015	ug/L	99
8) Chloroethane	1.932	64	45565	5.394	ug/L	97
9) Trichlorofluoromethane	2.134	101	112697	5.319	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	67680	5.510	ug/L	98
12) 1,1-Dichloroethene	2.575	96	58769	5.360	ug/L	96
13) Acetone	2.646	43	98068	41.858	ug/L	98
14) Carbon disulfide	2.790	76	137111	4.978	ug/L	99
15) Methyl Acetate	2.954	43	24626	5.863	ug/L	99
16) Methylene chloride	3.041	84	115981	8.081	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	147548	5.346	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	60132	5.392	ug/L	99
19) 1,1-Dichloroethane	3.864	63	124769	5.588	ug/L	96
21) 2-Butanone	4.707	43	158363	51.030	ug/L	99
22) cis-1,2-Dichloroethene	4.662	96	71141	5.456	ug/L	98
23) Bromochloromethane	4.967	128	31375	5.508	ug/L	97
25) Chloroform	5.083	83	132418	5.467	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	73330	5.266	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	113457	5.272	ug/L	99
30) Cyclohexane	5.382	56	91977	5.251	ug/L	95
31) Carbon tetrachloride	5.520	117	96243	5.157	ug/L	97
33) Benzene	5.768	78	262303	5.391	ug/L	100
34) Trichloroethene	6.536	95	71890	5.494	ug/L	97
35) Methylcyclohexane	6.758	83	93260	4.874	ug/L	97
37) 1,2-Dichloropropane	6.784	63	70655	5.530	ug/L	98
38) Bromodichloromethane	7.102	83	88280	5.457	ug/L	98
39) cis-1,3-Dichloropropene	7.600	75	99624	5.234	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	371330	57.099	ug/L	100
42) Toluene	7.964	91	276021	5.369	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	83268	5.330	ug/L	96
45) 1,1,2-Trichloroethane	8.395	97	49494	5.376	ug/L	95
47) Tetrachloroethene	8.549	164	54709	5.088	ug/L	96
48) 2-Hexanone	8.681	43	271286	55.173	ug/L	98
49) Dibromochloromethane	8.803	129	56382	5.486	ug/L	99
50) 1,2-Dibromoethane	8.919	107	48422	5.723	ug/L #	98
51) Chlorobenzene	9.443	112	179913	5.176	ug/L	97
52) Ethylbenzene	9.565	91	309687	5.405	ug/L	99
53) m,p-Xylene	9.690	106	118284	5.436	ug/L	96
54) o-Xylene	10.095	106	114813	5.342	ug/L	99
55) Styrene	10.108	104	198521	5.649	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	63580	5.815	ug/L	100
59) Bromoform	10.285	173	32638	5.397	ug/L	97
60) Isopropylbenzene	10.481	105	312132	5.440	ug/L	100
61) 1,2,3-Trichloropropane	10.816	75	42150	5.529	ug/L	100
62) 1,3,5-Trimethylbenzene	11.083	105	249868	5.335	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	258217	5.524	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	155897	5.444	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	152464	5.359	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	143029	5.443	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	8972	5.505	ug/L	90
69) 1,3,5-Trichlorobenzene	13.214	180	115271	5.395	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	91338	5.163	ug/L	99
71) Naphthalene	14.082	128	136260	5.325	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	82927	5.539	ug/L	99

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

