

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054184.D
 Acq On : 18 May 2023 22:53
 Operator : JC/MD
 Sample : 02844-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBWZ7MS

Quant Time: May 19 02:11:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 02:02:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	175574	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	164405	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	92548	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44186	4.668	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.912	69	33221	4.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.562	65	20125	4.707	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.633	46	86927	51.495	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.000%
24) Chloroform-d	5.057	84	89485	5.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.697	65	41297	5.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.723	84	169464	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.684	67	49432	5.108	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.893	98	158916	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	8.176	79	19659	5.030	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.629	63	66821	57.418	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.840%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	37320	5.380	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	12.185	152	57574	5.098	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	66257	4.991	ug/L	99
3) Chloromethane	1.517	50	63150	5.132	ug/L	96
5) Vinyl chloride	1.604	62	68073	5.208	ug/L	83
6) Bromomethane	1.858	94	33751	4.256	ug/L	92
8) Chloroethane	1.932	64	43867	5.298	ug/L	97
9) Trichlorofluoromethane	2.134	101	106168	5.112	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	61899	5.141	ug/L	99
12) 1,1-Dichloroethene	2.578	96	56020	5.213	ug/L	98
13) Acetone	2.642	43	100232	43.647	ug/L	99
14) Carbon disulfide	2.790	76	142943	5.294	ug/L	99
15) Methyl Acetate	2.951	43	20084	4.878	ug/L	100
16) Methylene chloride	3.041	84	62428	4.438	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	143481	5.303	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	58289	5.333	ug/L	99
19) 1,1-Dichloroethane	3.864	63	117249	5.357	ug/L	97
21) 2-Butanone	4.706	43	142315	46.786	ug/L	95
22) cis-1,2-Dichloroethene	4.661	96	77673	6.077	ug/L	97
23) Bromochloromethane	4.967	128	30954	5.544	ug/L	94
25) Chloroform	5.083	83	124058	5.226	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	72370	5.302	ug/L	100
29) 1,1,1-Trichloroethane	5.311	97	109652	5.328	ug/L	99
30) Cyclohexane	5.382	56	112399	6.710	ug/L	98
31) Carbon tetrachloride	5.520	117	94431	5.291	ug/L	99
33) Benzene	5.768	78	254006	5.459	ug/L	100
34) Trichloroethene	6.536	95	290355	23.201	ug/L	99
35) Methylcyclohexane	6.758	83	93377	5.103	ug/L	99
37) 1,2-Dichloropropane	6.784	63	66129	5.412	ug/L	98
38) Bromodichloromethane	7.102	83	84017	5.430	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	97703	5.367	ug/L	97
40) 4-Methyl-2-pentanone	7.787	43	349304	56.162	ug/L	99
42) Toluene	7.964	91	270832	5.508	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	80862	5.412	ug/L	98
45) 1,1,2-Trichloroethane	8.394	97	47003	5.338	ug/L	95
47) Tetrachloroethene	8.549	164	52563	5.111	ug/L	96
48) 2-Hexanone	8.677	43	250561	53.282	ug/L	99
49) Dibromochloromethane	8.803	129	55693	5.666	ug/L	98
50) 1,2-Dibromoethane	8.919	107	45067	5.569	ug/L #	100
51) Chlorobenzene	9.443	112	175814	5.288	ug/L	97
52) Ethylbenzene	9.565	91	295628	5.395	ug/L	100
53) m,p-Xylene	9.690	106	115878	5.568	ug/L	96
54) o-Xylene	10.095	106	113300	5.512	ug/L	95
55) Styrene	10.108	104	188050	5.596	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	58989	5.641	ug/L	99
59) Bromoform	10.285	173	32061	5.387	ug/L	97
60) Isopropylbenzene	10.478	105	301031	5.331	ug/L	100
61) 1,2,3-Trichloropropane	10.816	75	40159	5.352	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	244198	5.298	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	253487	5.510	ug/L	100
64) 1,3-Dichlorobenzene	11.738	146	147769	5.242	ug/L	100
65) 1,4-Dichlorobenzene	11.828	146	144858	5.173	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	136843	5.291	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.989	75	8856	5.521	ug/L	89
69) 1,3,5-Trichlorobenzene	13.214	180	112516	5.350	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	91297	5.244	ug/L	99
71) Naphthalene	14.079	128	143308	5.690	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	84267	5.718	ug/L	98

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

