

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054207.D
 Acq On : 19 May 2023 08:58
 Operator : JC/MD
 Sample : 02843-11MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBWY5MSD

Quant Time: May 19 09:21:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 04:28:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	192752	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	180689	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	99959	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43489	4.185	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.912	69	32897	4.232	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.565	65	19808	4.220	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.629	46	85163	45.954	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.900%
24) Chloroform-d	5.057	84	87175	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.697	65	37972	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.723	84	162803	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.684	67	49201	4.626	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.893	98	154646	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.173	79	18841	4.386	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.629	63	64465	50.401	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.800%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	36063	4.731	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	55842	4.578	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	69360	4.759	ug/L	97
3) Chloromethane	1.520	50	68870	5.098	ug/L	99
5) Vinyl chloride	1.604	62	73841	5.145	ug/L	92
6) Bromomethane	1.858	94	39366	4.522	ug/L	97
8) Chloroethane	1.932	64	43279	4.761	ug/L	100
9) Trichlorofluoromethane	2.134	101	111231	4.879	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	64404	4.872	ug/L	99
12) 1,1-Dichloroethene	2.578	96	58454	4.955	ug/L	98
13) Acetone	2.639	43	91238	36.190	ug/L	98
14) Carbon disulfide	2.790	76	147089	4.963	ug/L	98
15) Methyl Acetate	2.954	43	19024	4.209	ug/L	96
16) Methylene chloride	3.041	84	66293	4.293	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	160341	5.398	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	60220	5.018	ug/L	98
19) 1,1-Dichloroethane	3.864	63	124444	5.179	ug/L	96
21) 2-Butanone	4.703	43	141050	42.238	ug/L	96
22) cis-1,2-Dichloroethene	4.662	96	71715	5.111	ug/L	98
23) Bromochloromethane	4.970	128	30608	4.994	ug/L	97
25) Chloroform	5.083	83	129843	4.982	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	76236	5.087	ug/L	98
29) 1,1,1-Trichloroethane	5.311	97	112246	4.963	ug/L	99
30) Cyclohexane	5.382	56	93183	5.061	ug/L	98
31) Carbon tetrachloride	5.520	117	99374	5.066	ug/L	99
33) Benzene	5.768	78	266362	5.208	ug/L	100
34) Trichloroethene	6.536	95	71966	5.232	ug/L	98
35) Methylcyclohexane	6.758	83	94000	4.674	ug/L	98
37) 1,2-Dichloropropane	6.787	63	71170	5.300	ug/L	99
38) Bromodichloromethane	7.099	83	87214	5.129	ug/L	98
39) cis-1,3-Dichloropropene	7.604	75	98158	4.906	ug/L	99
40) 4-Methyl-2-pentanone	7.784	43	352728	51.601	ug/L	99
42) Toluene	7.964	91	285047	5.275	ug/L	96
44) trans-1,3-Dichloropropene	8.205	75	79782	4.858	ug/L	96
45) 1,1,2-Trichloroethane	8.395	97	50184	5.186	ug/L	98
47) Tetrachloroethene	8.549	164	56196	4.972	ug/L	98
48) 2-Hexanone	8.677	43	248026	47.990	ug/L	99
49) Dibromochloromethane	8.803	129	56553	5.235	ug/L	99
50) 1,2-Dibromoethane	8.919	107	46477	5.226	ug/L #	99
51) Chlorobenzene	9.443	112	187263	5.125	ug/L	98
52) Ethylbenzene	9.565	91	318345	5.286	ug/L	100
53) m,p-Xylene	9.690	106	124006	5.421	ug/L	94
54) o-Xylene	10.095	106	115830	5.128	ug/L	99
55) Styrene	10.095	104	7689	0.208	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.777	83	60503	5.265	ug/L	98
59) Bromoform	10.285	173	32155	5.002	ug/L	97
60) Isopropylbenzene	10.478	105	312558	5.124	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	41942	5.175	ug/L	99
62) 1,3,5-Trimethylbenzene	11.083	105	255595	5.134	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	262793	5.288	ug/L	100
64) 1,3-Dichlorobenzene	11.738	146	158841	5.217	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	154975	5.124	ug/L	98
67) 1,2-Dichlorobenzene	12.205	146	143224	5.127	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.989	75	9190	5.304	ug/L	91
69) 1,3,5-Trichlorobenzene	13.214	180	116082	5.111	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	96330	5.122	ug/L	98
71) Naphthalene	14.082	128	152862	5.619	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	89237	5.606	ug/L	99

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

