

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054185.D
 Acq On : 18 May 2023 23:17
 Operator : JC/MD
 Sample : 02844-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBWZ7MSD

Quant Time: May 19 02:12:14 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	6.244	114	175958	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	166804	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	92290	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	43904	4.628	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.913	69	33867	4.772	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.562	65	19818	4.626	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	4.633	46	86020	50.847	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.700%
24) Chloroform-d	5.057	84	84842	4.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.697	65	38953	4.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.723	84	160573	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.684	67	48476	4.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.893	98	151040	4.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.173	79	19454	4.906	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.629	63	65159	55.185	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.360%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	35757	5.081	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.186	152	55174	4.899	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	65027	4.888	ug/L	99
3) Chloromethane	1.517	50	63624	5.159	ug/L	100
5) Vinyl chloride	1.604	62	69128	5.277	ug/L	# 73
6) Bromomethane	1.858	94	34954	4.398	ug/L	97
8) Chloroethane	1.935	64	44400	5.350	ug/L	92
9) Trichlorofluoromethane	2.135	101	107271	5.154	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	59371	4.920	ug/L	96
12) 1,1-Dichloroethene	2.578	96	55516	5.155	ug/L	98
13) Acetone	2.646	43	101061	43.912	ug/L	98
14) Carbon disulfide	2.790	76	142032	5.249	ug/L	98
15) Methyl Acetate	2.951	43	19501	4.726	ug/L	98
16) Methylene chloride	3.041	84	61662	4.374	ug/L	97
17) Methyl tert-butyl Ether	3.360	73	141627	5.224	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	57904	5.286	ug/L	97
19) 1,1-Dichloroethane	3.864	63	115789	5.279	ug/L	96
21) 2-Butanone	4.707	43	143427	47.049	ug/L	98
22) cis-1,2-Dichloroethene	4.662	96	75714	5.911	ug/L	98
23) Bromochloromethane	4.967	128	30590	5.467	ug/L	97
25) Chloroform	5.080	83	120857	5.080	ug/L	97

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27) 1,2-Dichloroethane	5.787	62	73284	5.357	ug/L	99
29) 1,1,1-Trichloroethane	5.308	97	105076	5.032	ug/L	98
30) Cyclohexane	5.382	56	100741	5.928	ug/L	98
31) Carbon tetrachloride	5.520	117	93523	5.165	ug/L	100
33) Benzene	5.768	78	252567	5.350	ug/L	100
34) Trichloroethene	6.536	95	286143	22.536	ug/L	100
35) Methylcyclohexane	6.758	83	93377	5.030	ug/L	96
37) 1,2-Dichloropropane	6.784	63	65853	5.312	ug/L	99
38) Bromodichloromethane	7.099	83	84675	5.394	ug/L	98
39) cis-1,3-Dichloropropene	7.604	75	94637	5.124	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	350626	55.563	ug/L	100
42) Toluene	7.964	91	269122	5.395	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	79208	5.225	ug/L	96
45) 1,1,2-Trichloroethane	8.395	97	46646	5.221	ug/L	97
47) Tetrachloroethene	8.549	164	51944	4.978	ug/L	95
48) 2-Hexanone	8.678	43	253512	53.134	ug/L	99
49) Dibromochloromethane	8.803	129	52621	5.276	ug/L	99
50) 1,2-Dibromoethane	8.919	107	45536	5.546	ug/L	97
51) Chlorobenzene	9.443	112	177383	5.259	ug/L	99
52) Ethylbenzene	9.565	91	295302	5.312	ug/L	99
53) m,p-Xylene	9.691	106	114736	5.434	ug/L	96
54) o-Xylene	10.096	106	112255	5.383	ug/L	98
55) Styrene	10.108	104	189777	5.566	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	59785	5.635	ug/L	99
59) Bromoform	10.285	173	31810	5.360	ug/L	100
60) Isopropylbenzene	10.478	105	302406	5.370	ug/L	99
61) 1,2,3-Trichloropropane	10.816	75	39997	5.345	ug/L	99
62) 1,3,5-Trimethylbenzene	11.083	105	243225	5.291	ug/L	98
63) 1,2,4-Trimethylbenzene	11.462	105	252435	5.502	ug/L	99
64) 1,3-Dichlorobenzene	11.739	146	149008	5.301	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	147237	5.273	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	138810	5.382	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.989	75	9306	5.818	ug/L	91
69) 1,3,5-Trichlorobenzene	13.214	180	112659	5.372	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	96043	5.532	ug/L	99
71) Naphthalene	14.079	128	155420	6.188	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	88190	6.001	ug/L	99

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

