

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047427.D
 Acq On : 10 Mar 2022 00:14
 Operator : SY/MD
 Sample : N1861-07MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YATM0MS

Quant Time: Mar 10 01:09:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:51:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	168644	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	160224	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89675	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	44138	4.826	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.919	69	32418	4.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.575	65	19420	4.807	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.646	46	87210	53.554	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.100%
24) Chloroform-d	5.070	84	73056	5.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.707	65	36391	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.732	84	148283	4.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.694	67	44635	5.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.899	98	144833	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.182	79	18962	5.009	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.636	63	87296	52.350	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.700%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38982	5.017	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	56438	4.964	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	64934	5.143	ug/L	99
3) Chloromethane	1.523	50	65607	5.203	ug/L	97
5) Vinyl chloride	1.607	62	64072	5.166	ug/L	98
6) Bromomethane	1.864	94	34979	4.946	ug/L	100
8) Chloroethane	1.941	64	37830	5.022	ug/L	98
9) Trichlorofluoromethane	2.144	101	84641	5.180	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	52810	5.234	ug/L	100
12) 1,1-Dichloroethene	2.585	96	54065	5.460	ug/L	93
13) Acetone	2.658	43	136543	91.260	ug/L	95
14) Carbon disulfide	2.800	76	153790	5.060	ug/L	100
15) Methyl Acetate	2.964	43	18295	4.627	ug/L	95
16) Methylene chloride	3.054	84	55926	4.732	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	134010	5.248	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	54491	5.140	ug/L	99
19) 1,1-Dichloroethane	3.877	63	95583	5.302	ug/L	99
21) 2-Butanone	4.723	43	149073	55.327	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	60294	5.133	ug/L	97
23) Bromochloromethane	4.980	128	29418	5.242	ug/L	97
25) Chloroform	5.092	83	108581	5.562	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	64974	5.170	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	87153	5.265	ug/L	98
30) Cyclohexane	5.395	56	84949	5.327	ug/L	97
31) Carbon tetrachloride	5.530	117	76161	5.238	ug/L	99
33) Benzene	5.777	78	223671	5.169	ug/L	100
34) Trichloroethene	6.546	95	422697	36.542	ug/L	99
35) Methylcyclohexane	6.768	83	94414	5.174	ug/L	98
37) 1,2-Dichloropropane	6.793	63	57233	5.311	ug/L	100
38) Bromodichloromethane	7.108	83	74111	5.180	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	85497	5.233	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	393454	53.557	ug/L	99
42) Toluene	7.970	91	245586	5.224	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	76098	5.164	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	46021	5.211	ug/L	94
47) Tetrachloroethene	8.555	164	141051	14.374	ug/L	99
48) 2-Hexanone	8.687	43	289853	54.383	ug/L	99
49) Dibromochloromethane	8.813	129	56423	5.259	ug/L	96
50) 1,2-Dibromoethane	8.925	107	46680	5.194	ug/L	98
51) Chlorobenzene	9.446	112	163411	5.196	ug/L	99
52) Ethylbenzene	9.571	91	261346	5.133	ug/L	99
53) m,p-Xylene	9.694	106	101926	5.104	ug/L	98
54) o-Xylene	10.102	106	100700	5.204	ug/L	98
55) Styrene	10.115	104	169667	5.187	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	62257	5.266	ug/L	99
59) Bromoform	10.292	173	35772	5.298	ug/L	98
60) Isopropylbenzene	10.485	105	261936	5.221	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	44338	5.338	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	170862	5.192	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	220238	5.159	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	133946	5.037	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	136349	5.049	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	131240	5.136	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	9789	5.227	ug/L	93
69) 1,3,5-Trichlorobenzene	13.218	180	112034	5.136	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	98085	5.045	ug/L	99
71) Naphthalene	14.086	128	180615	5.194	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	91431	5.129	ug/L	100

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

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