

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047428.D
 Acq On : 10 Mar 2022 00:38
 Operator : SY/MD
 Sample : N1861-08MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YATM0MSD

Quant Time: Mar 10 01:10:06 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	6.253	114	169190	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	161074	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89706	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	42392	4.620	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.919	69	31592	4.690	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.575	65	19286	4.758	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.642	46	81452	49.857	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.720%
24) Chloroform-d	5.067	84	71813	4.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.706	65	35146	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.732	84	144863	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.694	67	44098	4.920	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.899	98	142956	4.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.179	79	18415	4.839	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.636	63	84827	50.601	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37668	4.822	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	55309	4.863	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	64892	5.123	ug/L	100
3) Chloromethane	1.523	50	62827	4.967	ug/L	97
5) Vinyl chloride	1.607	62	63109	5.072	ug/L	97
6) Bromomethane	1.864	94	34453	4.856	ug/L	97
8) Chloroethane	1.941	64	37389	4.948	ug/L	99
9) Trichlorofluoromethane	2.144	101	82511	5.033	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	52791	5.215	ug/L	99
12) 1,1-Dichloroethene	2.588	96	53823	5.418	ug/L	99
13) Acetone	2.655	43	129529	86.293	ug/L	96
14) Carbon disulfide	2.800	76	150950	4.950	ug/L	99
15) Methyl Acetate	2.961	43	23894	6.024	ug/L	92
16) Methylene chloride	3.051	84	55028	4.641	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	132121	5.158	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	53309	5.013	ug/L	99
19) 1,1-Dichloroethane	3.877	63	93171	5.151	ug/L	100
21) 2-Butanone	4.723	43	143021	52.910	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	59284	5.031	ug/L	97
23) Bromochloromethane	4.980	128	29364	5.215	ug/L	95
25) Chloroform	5.092	83	105960	5.410	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	64367	5.105	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	84476	5.076	ug/L	99
30) Cyclohexane	5.395	56	82847	5.167	ug/L	99
31) Carbon tetrachloride	5.530	117	74504	5.097	ug/L	99
33) Benzene	5.777	78	219825	5.053	ug/L	100
34) Trichloroethene	6.546	95	426525	36.678	ug/L	99
35) Methylcyclohexane	6.764	83	93243	5.083	ug/L	98
37) 1,2-Dichloropropane	6.793	63	55257	5.100	ug/L	100
38) Bromodichloromethane	7.108	83	73462	5.107	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	84623	5.152	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	391068	52.951	ug/L	99
42) Toluene	7.970	91	242455	5.131	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	74727	5.044	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	46293	5.214	ug/L	97
47) Tetrachloroethene	8.555	164	141650	14.359	ug/L	99
48) 2-Hexanone	8.687	43	282007	52.631	ug/L	98
49) Dibromochloromethane	8.809	129	56397	5.229	ug/L	96
50) 1,2-Dibromoethane	8.925	107	46893	5.190	ug/L	99
51) Chlorobenzene	9.446	112	162479	5.139	ug/L	99
52) Ethylbenzene	9.571	91	260120	5.082	ug/L	100
53) m,p-Xylene	9.693	106	102522	5.106	ug/L	99
54) o-Xylene	10.102	106	98595	5.069	ug/L	99
55) Styrene	10.115	104	168912	5.137	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	62244	5.237	ug/L	96
59) Bromoform	10.291	173	35706	5.287	ug/L	99
60) Isopropylbenzene	10.484	105	261243	5.205	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	43190	5.198	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	169898	5.161	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	221184	5.179	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	135040	5.076	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	135713	5.024	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	131409	5.141	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	10371	5.536	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	111058	5.090	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	99627	5.123	ug/L	100
71) Naphthalene	14.085	128	185424	5.330	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	92703	5.198	ug/L	99

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

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