

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062223\
 Data File : VU054665.D
 Acq On : 22 Jun 2023 18:51
 Operator : MD/SY
 Sample : 03384-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YBW82MSD

Quant Time: Jun 23 04:37:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 04:31:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	305690	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	292451	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	152552	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	101772	5.231	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.600%
7) Chloroethane-d5	1.914	69	83949	4.609	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.563	65	39869	4.588	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	4.631	46	249810	45.671	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.340%
24) Chloroform-d	5.058	84	176731	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.698	65	85146	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.724	84	341876	4.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.685	67	114047	4.201	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.894	98	304571	4.221	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.177	79	42828	4.536	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.627	63	173784	43.875	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.740%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	86321	4.264	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	105038	4.082	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	110373	3.864	ug/L	99
3) Chloromethane	1.522	50	136931	4.173	ug/L	98
5) Vinyl chloride	1.605	62	142569	4.233	ug/L	100
6) Bromomethane	1.859	94	75530	4.079	ug/L	99
8) Chloroethane	1.933	64	90437	4.480	ug/L	97
9) Trichlorofluoromethane	2.136	101	187096	4.519	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	109870	4.536	ug/L	98
12) 1,1-Dichloroethene	2.579	96	97065	4.378	ug/L	91
13) Acetone	2.644	43	207608	40.255	ug/L	99
14) Carbon disulfide	2.792	76	239358	3.640	ug/L	99
15) Methyl Acetate	2.956	43	43696	4.572	ug/L	95
16) Methylene chloride	3.042	84	115485	3.704	ug/L	95
17) Methyl tert-butyl Ether	3.361	73	255675	4.672	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	97135	4.243	ug/L	96
19) 1,1-Dichloroethane	3.866	63	231638	4.890	ug/L	99
21) 2-Butanone	4.708	43	331674	49.554	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	120590	4.626	ug/L	98
23) Bromochloromethane	4.968	128	49989	4.608	ug/L	98
25) Chloroform	5.084	83	225132	4.820	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	132992	4.858	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	185253	4.671	ug/L	97
30) Cyclohexane	5.383	56	173689	4.021	ug/L	98
31) Carbon tetrachloride	5.521	117	153804	4.501	ug/L	100
33) Benzene	5.769	78	474175	4.511	ug/L	100
34) Trichloroethene	6.537	95	120593	4.339	ug/L	93
35) Methylcyclohexane	6.759	83	161289	3.839	ug/L	97
37) 1,2-Dichloropropane	6.785	63	137658	4.844	ug/L	100
38) Bromodichloromethane	7.100	83	156283	4.858	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	179922	4.637	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	789445	52.055	ug/L	97
42) Toluene	7.965	91	505841	4.673	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	149044	4.733	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	88529	4.897	ug/L	98
47) Tetrachloroethene	8.550	164	83669	3.933	ug/L	98
48) 2-Hexanone	8.679	43	569098	50.362	ug/L	98
49) Dibromochloromethane	8.804	129	92614	4.879	ug/L	100
50) 1,2-Dibromoethane	8.917	107	77825	4.689	ug/L #	99
51) Chlorobenzene	9.441	112	304027	4.506	ug/L	98
52) Ethylbenzene	9.566	91	531628	4.497	ug/L	99
53) m,p-Xylene	9.688	106	198229	4.565	ug/L	100
54) o-Xylene	10.097	106	192590	4.586	ug/L	97
55) Styrene	10.110	104	336581	4.775	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	113886	4.959	ug/L	99
59) Bromoform	10.287	173	53107	4.849	ug/L	100
60) Isopropylbenzene	10.479	105	526657	4.719	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	77190	5.007	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	414145	4.548	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	427050	4.618	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	247642	4.747	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	246552	4.709	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	228213	4.757	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	18021	5.319	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	180404	4.584	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	149835	4.604	ug/L	100
71) Naphthalene	14.081	128	244813	4.626	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	134670	4.817	ug/L	99

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

