

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071223\
 Data File : VU054780.D
 Acq On : 12 Jul 2023 10:43
 Operator : MD/SY
 Sample : 03573-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2023-05

Quant Time: Jul 13 05:29:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR070723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 13 05:24:51 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2023
 Supervised By : Mahesh Dadoda 07/13/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	251363	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	243906	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	114803	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	83835	4.419	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.911	69	73317	4.620	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.563	65	35028	4.521	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	4.627	46	211794	49.134	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.260%
24) Chloroform-d	5.061	84	156104	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.698	65	88184	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.724	84	301377	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.685	67	100549	4.897	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.894	98	269811	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.177	79	37910	4.588	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.630	63	155569	49.141	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.280%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	79103	4.781	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	104204	5.210	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	4024	0.206	ug/L	92
3) Chloromethane	1.518	50	6679	0.306	ug/L	99
5) Vinyl chloride	1.602	62	5553	0.262	ug/L #	73
6) Bromomethane	1.856	94	3512	0.273	ug/L	99
8) Chloroethane	1.930	64	3270	0.270	ug/L	94
9) Trichlorofluoromethane	2.136	101	6228	0.226	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	3824	0.277	ug/L	93
12) 1,1-Dichloroethene	2.579	96	4363	0.339	ug/L #	1
14) Carbon disulfide	2.788	76	11730	0.271	ug/L	95
15) Methyl Acetate	2.962	43	1596	0.287	ug/L #	61
17) Methyl tert-butyl Ether	3.364	73	8102	0.267	ug/L #	83
18) trans-1,2-Dichloroethene	3.348	96	3178	0.240	ug/L	93
19) 1,1-Dichloroethane	3.862	63	6448	0.251	ug/L	94
21) 2-Butanone	4.721	43	14756m	4.350	ug/L	
22) cis-1,2-Dichloroethene	4.660	96	3666	0.254	ug/L	89
23) Bromochloromethane	4.981	128	1743m	0.272	ug/L	
27) 1,2-Dichloroethane	5.798	62	4826	0.278	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	5504	0.234	ug/L	98
30) Cyclohexane	5.383	56	4625	0.221	ug/L	97

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31) Carbon tetrachloride	5.521	117	4976	0.236	ug/L	100
33) Benzene	5.769	78	13847	0.252	ug/L	100
35) Methylcyclohexane	6.753	83	5257	0.245	ug/L #	69
37) 1,2-Dichloropropane	6.788	63	4290	0.298	ug/L #	91
38) Bromodichloromethane	7.110	83	4736	0.256	ug/L #	77
39) cis-1,3-Dichloropropene	7.608	75	5398	0.250	ug/L	98
40) 4-Methyl-2-pentanone	7.791	43	17624	2.182	ug/L #	86
42) Toluene	7.968	91	15533	0.267	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	4475	0.240	ug/L	98
45) 1,1,2-Trichloroethane	8.405	97	2553	0.247	ug/L #	86
47) Tetrachloroethene	8.557	164	3035	0.244	ug/L	88
48) 2-Hexanone	8.682	43	21796	3.748	ug/L	97
49) Dibromochloromethane	8.811	129	2616	0.218	ug/L #	72
50) 1,2-Dibromoethane	8.923	107	2483	0.252	ug/L #	79
51) Chlorobenzene	9.447	112	9519	0.255	ug/L	99
52) Ethylbenzene	9.569	91	15391	0.247	ug/L	96
53) m,p-Xylene	9.695	106	4999	0.210	ug/L	94
54) o-Xylene	10.100	106	5054	0.227	ug/L	86
55) Styrene	10.116	104	7897	0.210	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.782	83	3019	0.240	ug/L #	79
59) Bromoform	10.293	173	1951	0.290	ug/L #	93
60) Isopropylbenzene	10.483	105	12953	0.243	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	2249	0.269	ug/L #	93
62) 1,3,5-Trimethylbenzene	11.087	105	10410	0.236	ug/L	95
63) 1,2,4-Trimethylbenzene	11.466	105	9752	0.231	ug/L	100
64) 1,3-Dichlorobenzene	11.746	146	7687	0.287	ug/L	95
65) 1,4-Dichlorobenzene	11.836	146	7560	0.283	ug/L	93
67) 1,2-Dichlorobenzene	12.209	146	7491	0.304	ug/L	95
69) 1,3,5-Trichlorobenzene	13.219	180	5456	0.272	ug/L	91
70) 1,2,4-trichlorobenzene	13.842	180	4709	0.292	ug/L	100

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

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