

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020623\
 Data File : VU052985.D
 Acq On : 06 Feb 2023 17:30
 Operator : JC/MD
 Sample : 01378-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2023-01

Quant Time: Feb 07 02:53:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 05 21:58:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/07/2023
 Supervised By : Mahesh Dadoda 02/07/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	134215	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	137497	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62126	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	32007	2.714	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.200%
7) Chloroethane-d5	1.912	69	36834	3.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.565	65	17225	3.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	4.642	46	124434	39.468	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.940%
24) Chloroform-d	5.060	84	98451	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.697	65	49598	4.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.722	84	176471	3.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	6.687	67	56910	3.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.600%
41) Toluene-d8	7.893	98	139113	3.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	8.176	79	20051	3.631	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.632	63	85454	37.248	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.500%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	51447	4.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	57337	5.070	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	2352	0.163	ug/L	97
3) Chloromethane	1.520	50	2596	0.148	ug/L	89
5) Vinyl chloride	1.604	62	2736	0.163	ug/L	98
6) Bromomethane	1.858	94	1786	0.205	ug/L	98
8) Chloroethane	1.935	64	1604	0.157	ug/L	98
9) Trichlorofluoromethane	2.137	101	3945	0.200	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	3004	0.259	ug/L #	84
12) 1,1-Dichloroethene	2.578	96	2557	0.220	ug/L #	1
14) Carbon disulfide	2.793	76	6083	0.151	ug/L #	95
17) Methyl tert-butyl Ether	3.362	73	4635	0.180	ug/L #	78
18) trans-1,2-Dichloroethene	3.353	96	2312	0.195	ug/L #	71
19) 1,1-Dichloroethane	3.864	63	4490	0.182	ug/L	91
21) 2-Butanone	4.719	43	6012m	1.652	ug/L	
22) cis-1,2-Dichloroethene	4.668	96	2611m	0.205	ug/L	
23) Bromochloromethane	4.970	128	1053	0.195	ug/L #	74
27) 1,2-Dichloroethane	5.790	62	2908	0.198	ug/L #	89
29) 1,1,1-Trichloroethane	5.311	97	3750	0.174	ug/L #	70
31) Carbon tetrachloride	5.520	117	2928	0.173	ug/L	88
33) Benzene	5.777	78	11266	0.207	ug/L	100

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34) Trichloroethene	6.539	95	3679	0.286	ug/L	94
37) 1,2-Dichloropropane	6.790	63	2406	0.165	ug/L #	89
38) Bromodichloromethane	7.105	83	3173	0.185	ug/L #	90
39) cis-1,3-Dichloropropene	7.607	75	3058	0.165	ug/L	99
42) Toluene	7.967	91	9388	0.173	ug/L	94
44) trans-1,3-Dichloropropene	8.211	75	2660	0.166	ug/L	100
45) 1,1,2-Trichloroethane	8.394	97	1876	0.204	ug/L	82
47) Tetrachloroethene	8.549	164	2871	0.303	ug/L	87
48) 2-Hexanone	8.684	43	16148	2.640	ug/L	93
49) Dibromochloromethane	8.806	129	2146	0.202	ug/L	95
50) 1,2-Dibromoethane	8.922	107	1595	0.189	ug/L #	86
51) Chlorobenzene	9.443	112	7065	0.209	ug/L	92
52) Ethylbenzene	9.568	91	8750	0.158	ug/L	87
53) m,p-Xylene	9.693	106	3202	0.153	ug/L	85
54) o-Xylene	10.099	106	3252	0.163	ug/L	75
57) 1,1,2,2-Tetrachloroethane	10.777	83	2402	0.200	ug/L #	93
59) Bromoform	10.288	173	1242	0.257	ug/L #	76
60) Isopropylbenzene	10.481	105	7590	0.172	ug/L	97
61) 1,2,3-Trichloropropane	10.819	75	1703	0.236	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	5883	0.168	ug/L	94
63) 1,2,4-Trimethylbenzene	11.465	105	5446	0.154	ug/L	93
64) 1,3-Dichlorobenzene	11.745	146	4529	0.216	ug/L	93
65) 1,4-Dichlorobenzene	11.832	146	5425	0.254	ug/L	89
67) 1,2-Dichlorobenzene	12.208	146	5008	0.254	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	3692	0.237	ug/L	99

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

