

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021323\
 Data File : VU053088.D
 Acq On : 13 Feb 2023 18:13
 Operator : JC/MD
 Sample : 01378-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2023-02

Quant Time: Feb 14 01:30:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 14 00:41:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/15/2023
 Supervised By :Mahesh Dadoda 02/15/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	113006	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	99407	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	45495	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	20230	3.737	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.913	69	22124	4.348	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.566	65	9903	3.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	4.646	46	88293	53.252	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.500%
24) Chloroform-d	5.058	84	54672	4.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.698	65	28897	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.723	84	102582	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.685	67	36916	4.745	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.894	98	87785	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.177	79	14889	4.727	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.630	63	73906	52.852	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.700%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	33278	4.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	32592	4.795	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	1833	0.221	ug/L	91
3) Chloromethane	1.515	50	2639	0.305	ug/L	93
5) Vinyl chloride	1.601	62	2314	0.243	ug/L #	72
6) Bromomethane	1.855	94	1252	0.211	ug/L	98
8) Chloroethane	1.933	64	1371	0.244	ug/L	94
9) Trichlorofluoromethane	2.135	101	3225	0.246	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	1731	0.240	ug/L	92
12) 1,1-Dichloroethene	2.576	96	2149	0.321	ug/L #	1
14) Carbon disulfide	2.791	76	5150	0.255	ug/L	99
15) Methyl Acetate	2.974	43	1001m	0.344	ug/L	
16) Methylene chloride	3.039	84	3164	0.409	ug/L	94
17) Methyl tert-butyl Ether	3.363	73	4168	0.230	ug/L #	76
18) trans-1,2-Dichloroethene	3.347	96	1584	0.224	ug/L	93
19) 1,1-Dichloroethane	3.862	63	3171	0.238	ug/L	94
21) 2-Butanone	4.733	43	4926m	2.802	ug/L	
22) cis-1,2-Dichloroethene	4.662	96	1884	0.236	ug/L	97
23) Bromochloromethane	4.968	128	789m	0.250	ug/L	
27) 1,2-Dichloroethane	5.788	62	2028	0.237	ug/L #	75
29) 1,1,1-Trichloroethane	5.312	97	2862	0.241	ug/L	98

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30) Cyclohexane	5.386	56	2855	0.240	ug/L	98
31) Carbon tetrachloride	5.524	117	2381	0.240	ug/L	95
33) Benzene	5.768	78	7920	0.276	ug/L	100
35) Methylcyclohexane	6.762	83	3277	0.251	ug/L	95
37) 1,2-Dichloropropane	6.791	63	1902	0.244	ug/L #	90
38) Bromodichloromethane	7.100	83	2377	0.235	ug/L #	94
39) cis-1,3-Dichloropropene	7.604	75	2933	0.236	ug/L	89
40) 4-Methyl-2-pentanone	7.791	43	10038	2.465	ug/L #	88
42) Toluene	7.968	91	7680	0.247	ug/L	94
44) trans-1,3-Dichloropropene	8.206	75	2580m	0.251	ug/L	
45) 1,1,2-Trichloroethane	8.395	97	1344	0.239	ug/L	94
47) Tetrachloroethene	8.546	164	1184	0.226	ug/L	88
48) 2-Hexanone	8.685	43	11229m	3.758	ug/L	
49) Dibromochloromethane	8.804	129	1518	0.248	ug/L	88
50) 1,2-Dibromoethane	8.923	107	1282	0.247	ug/L #	100
51) Chlorobenzene	9.443	112	4748	0.245	ug/L	98
52) Ethylbenzene	9.569	91	8690	0.246	ug/L	96
53) m,p-Xylene	9.691	106	3210	0.243	ug/L	98
54) o-Xylene	10.096	106	2942	0.230	ug/L	97
55) Styrene	10.112	104	4678	0.225	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.778	83	1826	0.257	ug/L #	94
59) Bromoform	10.289	173	699	0.211	ug/L #	80
60) Isopropylbenzene	10.482	105	7832	0.238	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	1078	0.247	ug/L	91
62) 1,3,5-Trimethylbenzene	11.083	105	6520	0.235	ug/L	95
63) 1,2,4-Trimethylbenzene	11.466	105	6109	0.220	ug/L	95
64) 1,3-Dichlorobenzene	11.742	146	3234	0.243	ug/L	97
65) 1,4-Dichlorobenzene	11.829	146	3061	0.229	ug/L	92
67) 1,2-Dichlorobenzene	12.209	146	2883	0.232	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.221	180	1853	0.195	ug/L	95

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

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