

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021323\
 Data File : VU053071.D
 Acq On : 13 Feb 2023 11:24
 Operator : JC/MD
 Sample : 01378-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Feb 14 00:56:36 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	6.247	114	122905	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	108456	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	50675	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	24702	4.195	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.913	69	25608	4.627	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.566	65	11197	4.146	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.643	46	94968	52.665	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.320%
24) Chloroform-d	5.061	84	62095	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.698	65	31628	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.723	84	115307	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.688	67	40747	4.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.897	98	99874	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.177	79	15746	4.582	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.633	63	77467	50.777	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.560%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	35192	4.827	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	35888	4.741	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	1587	0.176	ug/L	91
3) Chloromethane	1.518	50	1786	0.190	ug/L	92
5) Vinyl chloride	1.604	62	1816	0.175	ug/L	85
8) Chloroethane	1.932	64	1116	0.183	ug/L	99
9) Trichlorofluoromethane	2.138	101	2189	0.153	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1499	0.191	ug/L	92
12) 1,1-Dichloroethene	2.575	96	1642	0.226	ug/L #	1
14) Carbon disulfide	2.794	76	3983	0.181	ug/L	97
15) Methyl Acetate	2.971	43	879m	0.278	ug/L	
16) Methylene chloride	3.048	84	3559	0.423	ug/L	88
17) Methyl tert-butyl Ether	3.363	73	3221	0.163	ug/L #	89
18) trans-1,2-Dichloroethene	3.350	96	1356	0.176	ug/L	85
19) 1,1-Dichloroethane	3.871	63	2195	0.151	ug/L	96
21) 2-Butanone	4.730	43	4360m	2.280	ug/L	
22) cis-1,2-Dichloroethene	4.659	96	1646	0.190	ug/L	88
23) Bromochloromethane	4.964	128	559m	0.163	ug/L	
27) 1,2-Dichloroethane	5.791	62	1402	0.151	ug/L #	75
29) 1,1,1-Trichloroethane	5.312	97	2345	0.181	ug/L #	89
30) Cyclohexane	5.386	56	2462	0.190	ug/L	98

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31) Carbon tetrachloride	5.517	117	1671	0.155	ug/L	99
33) Benzene	5.768	78	5395	0.173	ug/L	100
37) 1,2-Dichloropropane	6.787	63	1408	0.165	ug/L #	90
38) Bromodichloromethane	7.106	83	1734	0.157	ug/L #	87
39) cis-1,3-Dichloropropene	7.607	75	2018	0.149	ug/L	96
40) 4-Methyl-2-pentanone	7.791	43	8488m	1.911	ug/L	
42) Toluene	7.968	91	6030	0.178	ug/L	93
44) trans-1,3-Dichloropropene	8.212	75	1883	0.168	ug/L	83
45) 1,1,2-Trichloroethane	8.398	97	1035	0.169	ug/L	91
47) Tetrachloroethene	8.549	164	961	0.168	ug/L	83
48) 2-Hexanone	8.685	43	9770m	2.997	ug/L	
49) Dibromochloromethane	8.803	129	1177	0.176	ug/L #	73
50) 1,2-Dibromoethane	8.922	107	945	0.167	ug/L #	98
51) Chlorobenzene	9.447	112	3625	0.171	ug/L	91
52) Ethylbenzene	9.569	91	6641	0.172	ug/L	91
53) m,p-Xylene	9.694	106	2443	0.170	ug/L	93
54) o-Xylene	10.096	106	2334	0.167	ug/L	92
55) Styrene	10.112	104	3503	0.155	ug/L	81
57) 1,1,2,2-Tetrachloroethane	10.778	83	1513	0.195	ug/L #	91
60) Isopropylbenzene	10.482	105	5984	0.163	ug/L	97
61) 1,2,3-Trichloropropane	10.819	75	792	0.163	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	5321	0.172	ug/L	96
63) 1,2,4-Trimethylbenzene	11.466	105	5324	0.172	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	2403	0.162	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	2524	0.170	ug/L	93
67) 1,2-Dichlorobenzene	12.209	146	2318	0.167	ug/L	91

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

Manual Integrations

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