

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020323\
 Data File : VW030032.D
 Acq On : 03 Feb 2023 10:57
 Operator : SY/MD
 Sample : 01378-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Feb 04 01:30:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 04 01:01:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	221802	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	212812	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	107792	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	77623	4.614	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.565	69	75458	5.411	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.200%
11) 1,1-Dichloroethene-d2	2.102	63	112309	3.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	3.892	46	159987	53.654	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.300%
24) Chloroform-d	4.333	84	146429	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.021	65	63812	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.037	84	301378	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.056	67	98955	5.356	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.200%
41) Toluene-d8	7.304	98	257778	4.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.613	79	30417	4.508	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.082	63	140815	51.262	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.520%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	67074	4.954	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	11.609	152	96122	4.905	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	3263	0.158	ug/L	93
3) Chloromethane	1.240	50	9515	0.438	ug/L	99
5) Vinyl chloride	1.307	62	4632	0.217	ug/L #	67
6) Bromomethane	1.520	94	1970	0.190	ug/L	98
8) Chloroethane	1.581	64	3636	0.281	ug/L	96
9) Trichlorofluoromethane	1.748	101	5115	0.183	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	4102	0.250	ug/L #	83
12) 1,1-Dichloroethene	2.111	96	3859	0.204	ug/L #	1
13) Acetone	2.182	43	11938	5.609	ug/L	89
14) Carbon disulfide	2.288	76	9542	0.175	ug/L	95
15) Methyl Acetate	2.446	43	1153	0.208	ug/L #	70
16) Methylene chloride	2.500	84	5352	0.227	ug/L	86
17) Methyl tert-butyl Ether	2.764	73	6027	0.184	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	3262	0.185	ug/L	98
19) 1,1-Dichloroethane	3.179	63	6125	0.208	ug/L	98
21) 2-Butanone	3.999	43	7971m	2.614	ug/L	
22) cis-1,2-Dichloroethene	3.899	96	3246	0.173	ug/L	82
23) Bromochloromethane	4.246	128	1435	0.185	ug/L #	90
27) 1,2-Dichloroethane	5.127	62	3288	0.211	ug/L #	93

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29) 1,1,1-Trichloroethane	4.590	97	4929	0.178	ug/L	97
30) Cyclohexane	4.667	56	5796	0.222	ug/L #	92
31) Carbon tetrachloride	4.815	117	4490	0.187	ug/L	92
33) Benzene	5.092	78	14177	0.201	ug/L	100
34) Trichloroethene	5.908	95	3421	0.192	ug/L	89
35) Methylcyclohexane	6.117	83	5395	0.179	ug/L	94
37) 1,2-Dichloropropane	6.166	63	3769	0.229	ug/L #	85
38) Bromodichloromethane	6.503	83	4101	0.192	ug/L	96
39) cis-1,3-Dichloropropene	7.021	75	4379	0.198	ug/L	94
40) 4-Methyl-2-pentanone	7.223	43	12166	1.730	ug/L #	83
42) Toluene	7.381	91	15916	0.210	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	3553m	0.200	ug/L	
45) 1,1,2-Trichloroethane	7.831	97	2125	0.179	ug/L	94
47) Tetrachloroethene	7.966	164	2877	0.192	ug/L	86
49) Dibromochloromethane	8.236	129	2518	0.181	ug/L	95
50) 1,2-Dibromoethane	8.342	107	1864	0.181	ug/L #	96
51) Chlorobenzene	8.870	112	9008	0.187	ug/L	95
52) Ethylbenzene	9.002	91	14119	0.178	ug/L	95
53) m,p-Xylene	9.130	106	4953	0.158	ug/L	98
54) o-Xylene	9.532	106	4737	0.159	ug/L	91
55) Styrene	9.551	104	7475	0.146	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.227	83	2853	0.216	ug/L #	93
59) Bromoform	9.719	173	1356	0.194	ug/L #	94
60) Isopropylbenzene	9.918	105	11607	0.168	ug/L	97
61) 1,2,3-Trichloropropane	10.262	75	1907	0.239	ug/L #	86
62) 1,3,5-Trimethylbenzene	10.526	105	9291	0.157	ug/L	95
63) 1,2,4-Trimethylbenzene	10.902	105	9972	0.169	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	6773	0.194	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	7000	0.201	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	6904	0.219	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.416	75	514	0.272	ug/L	93
69) 1,3,5-Trichlorobenzene	12.632	180	5593	0.199	ug/L	96
70) 1,2,4-trichlorobenzene	13.246	180	4212	0.191	ug/L	94
71) Naphthalene	13.490	128	5840	0.205	ug/L	97
72) 1,2,3-Trichlorobenzene	13.728	180	3482	0.191	ug/L	94

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

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