

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071522\
 Data File : VW026787.D
 Acq On : 15 Jul 2022 13:39
 Operator : SY/MD
 Sample : N3670-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2022-03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2022
 Supervised By : Mahesh Dadoda 07/18/2022

Quant Time: Jul 16 01:36:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 16 00:49:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	199262	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	194697	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79122	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	63126	3.473	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.555	69	62755	3.995	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.095	63	91089	2.610	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.200%#
20) 2-Butanone-d5	3.960	46	235839	83.125	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	166.240%#
24) Chloroform-d	4.336	84	151855	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.024	65	72928	5.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.031	84	255605	4.320	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.069	67	86473	4.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.323	98	158867	3.025	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.600%#
43) trans-1,3-Dichloroprop...	7.632	79	21648	3.730	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.104	63	125069	49.775	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.560%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	71236	5.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	64983	4.714	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	5816	0.230	ug/L	90
3) Chloromethane	1.230	50	5897	0.243	ug/L	89
5) Vinyl chloride	1.298	62	5250	0.212	ug/L #	2
6) Bromomethane	1.510	94	3272	0.221	ug/L	89
8) Chloroethane	1.571	64	3655m	0.251	ug/L	
9) Trichlorofluoromethane	1.738	101	6843	0.218	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	4399	0.244	ug/L	92
12) 1,1-Dichloroethene	2.101	96	4784	0.274	ug/L #	1
14) Carbon disulfide	2.278	76	12657	0.246	ug/L	98
15) Methyl Acetate	2.455	43	1450m	0.300	ug/L	
16) Methylene chloride	2.494	84	12714	0.611	ug/L	95
17) Methyl tert-butyl Ether	2.773	73	9224	0.306	ug/L #	93
18) trans-1,2-Dichloroethene	2.741	96	4138	0.258	ug/L	98
19) 1,1-Dichloroethane	3.182	63	8213	0.280	ug/L	94
21) 2-Butanone	4.053	43	11717m	4.209	ug/L	
22) cis-1,2-Dichloroethene	3.905	96	4309	0.266	ug/L #	78
23) Bromochloromethane	4.233	128	1819	0.244	ug/L #	84
25) Chloroform	4.365	83	9739	0.317	ug/L	96
27) 1,2-Dichloroethane	5.130	62	4161	0.251	ug/L #	93

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29) 1,1,1-Trichloroethane	4.590	97	6491	0.247	ug/L	91
30) Cyclohexane	4.645	56	7078	0.317	ug/L #	84
31) Carbon tetrachloride	4.799	117	5182	0.224	ug/L	85
33) Benzene	5.085	78	17238	0.265	ug/L	100
34) Trichloroethene	5.905	95	3408	0.213	ug/L	94
35) Methylcyclohexane	6.108	83	3990	0.163	ug/L	91
37) 1,2-Dichloropropane	6.178	63	3539	0.227	ug/L #	86
38) Bromodichloromethane	6.516	83	4723	0.233	ug/L #	81
39) cis-1,3-Dichloropropene	7.043	75	3341	0.173	ug/L #	82
40) 4-Methyl-2-pentanone	7.259	43	13111	1.824	ug/L #	79
44) trans-1,3-Dichloropropene	7.667	75	3302	0.208	ug/L	88
45) 1,1,2-Trichloroethane	7.854	97	2709	0.238	ug/L	93
47) Tetrachloroethene	7.979	164	2554	0.204	ug/L	94
49) Dibromochloromethane	8.252	129	2652	0.202	ug/L	92
50) 1,2-Dibromoethane	8.362	107	2338	0.232	ug/L #	98
51) Chlorobenzene	8.886	112	8585	0.207	ug/L	93
52) Ethylbenzene	9.018	91	10486	0.161	ug/L	98
53) m,p-Xylene	9.143	106	3696	0.146	ug/L	94
54) o-Xylene	9.548	106	3641	0.151	ug/L	86
55) Styrene	9.567	104	5360	0.127	ug/L	82
57) 1,1,2,2-Tetrachloroethane	10.243	83	3516	0.261	ug/L #	93
59) Bromoform	9.735	173	1267	0.250	ug/L #	95
60) Isopropylbenzene	9.934	105	9196	0.186	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	1826	0.250	ug/L #	90
62) 1,3,5-Trimethylbenzene	10.542	105	7033	0.179	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	6946	0.174	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	5014	0.207	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.432	75	379	0.245	ug/L #	77
69) 1,3,5-Trichlorobenzene	12.648	180	3772	0.221	ug/L #	96
70) 1,2,4-trichlorobenzene	13.265	180	2659	0.205	ug/L	98
71) Naphthalene	13.509	128	4261	0.198	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	2282	0.189	ug/L	94

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

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