

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021122\
 Data File : VW024601.D
 Acq On : 11 Feb 2022 14:04
 Operator : SY/MD
 Sample : N1476-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXZ7

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2022
 Supervised By : Mahesh Dadoda 02/14/2022

Quant Time: Feb 12 03:43:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 12 03:41:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119459	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	117380	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60959	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	41718	4.166	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.568	69	38870	4.592	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.111	63	71807	3.278	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.908	46	69329	41.706	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.420%
24) Chloroform-d	4.352	84	83323	4.728	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.037	65	39575	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.053	84	167562	5.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.069	67	50831	4.907	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.317	98	150178	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	7.625	79	18687	4.467	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.088	63	73325	49.754	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.500%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31437	5.097	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	47676	4.852	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%

Target Compounds

						Qvalue
12) 1,1-Dichloroethene	2.121	96	7020	0.568	ug/L #	1
13) Acetone	2.195	43	6862m	5.231	ug/L	
17) Methyl tert-butyl Ether	2.773	73	8370	0.328	ug/L #	91
19) 1,1-Dichloroethane	3.195	63	12229	0.583	ug/L	92
22) cis-1,2-Dichloroethene	3.918	96	24512	2.001	ug/L	98
25) Chloroform	4.387	83	4178m	0.190	ug/L	
29) 1,1,1-Trichloroethane	4.612	97	3471	0.180	ug/L	99
33) Benzene	5.104	78	4405	0.096	ug/L	100
34) Trichloroethene	5.911	95	313521	24.854	ug/L	88
42) Toluene	7.394	91	12226	0.245	ug/L	90
47) Tetrachloroethene	7.976	164	125238	14.965	ug/L	92
52) Ethylbenzene	9.017	91	3801	0.068	ug/L	92
53) m,p-xylene	9.143	106	3662	0.174	ug/L	99
54) o-xylene	9.545	106	2036	0.100	ug/L	83
63) 1,2,4-Trimethylbenzene	10.918	105	3685	0.078	ug/L	93

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

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