

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027710.D
 Acq On : 02 Sep 2022 09:33
 Operator : SY/MD
 Sample : N4404-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVC5

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/03/2022
 Supervised By : Mahesh Dadoda 09/03/2022

Quant Time: Sep 03 04:15:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 03:03:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.593	114	140009	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.857	117	114656	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50492	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	55094	3.622	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.400%	
7) Chloroethane-d5	1.561	69	50558	3.973	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.400%	
11) 1,1-Dichloroethene-d2	2.098	63	88174	2.962	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.200%#	
20) 2-Butanone-d5	3.950	46	143724	55.888	ug/L	0.06
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.780%	
24) Chloroform-d	4.346	84	124244	4.069	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.400%	
26) 1,2-Dichloroethane-d4	5.027	65	67937	4.967	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
32) Benzene-d6	5.030	84	228370	4.863	ug/L	-0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
36) 1,2-Dichloropropane-d6	6.046	67	68918	4.744	ug/L	-0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.800%	
41) Toluene-d8	7.310	98	194682	4.787	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
43) trans-1,3-Dichloroprop...	7.632	79	18793	4.199	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.000%	
46) 2-Hexanone-d5	8.114	63	83184	49.428	ug/L	0.03
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.860%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	43559	4.660	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	61530	5.443	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.800%	
Target Compounds						Qvalue
5) Vinyl chloride	1.301	62	7473	0.430	ug/L #	77
12) 1,1-Dichloroethene	2.108	96	4237	0.363	ug/L #	1
13) Acetone	2.240	43	8839m	5.080	ug/L	
14) Carbon disulfide	2.285	76	7784	0.211	ug/L #	91
15) Methyl Acetate	2.452	43	3725	0.807	ug/L	94
22) cis-1,2-Dichloroethene	3.902	96	29560	2.236	ug/L	92
25) Chloroform	4.371	83	28053	1.030	ug/L	100
34) Trichloroethene	5.879	95	21883	1.991	ug/L	96
45) 1,1,2-Trichloroethane	7.850	97	2646	0.363	ug/L	94
47) Tetrachloroethene	7.976	164	47384	5.316	ug/L	99
53) m,p-Xylene	9.146	106	2767	0.159	ug/L	97
59) Bromoform	9.734	173	5373	1.498	ug/L	95

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

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