

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023699.D
 Acq On : 24 Nov 2021 14:41
 Operator : SY/MD
 Sample : M4821-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4643

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/26/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time : Nov 26 01:53:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 01:51:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	143069	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	139967	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69775	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45579	3.881	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.568	69	38153	4.133	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.108	63	61999	2.995	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.000%
20) 2-Butanone-d5	3.889	46	91559	64.848	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.700%
24) Chloroform-d	4.349	84	87948	4.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.037	65	44027	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.053	84	167370	4.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.069	67	48893	4.574	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.317	98	148702	4.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.625	79	18862	4.378	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.088	63	71171	49.717	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35142	4.569	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	60246	4.884	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	23025	1.858	ug/L	98
13) Acetone	2.185	43	5197m	4.091	ug/L	
17) Methyl tert-butyl Ether	2.767	73	740643	37.703	ug/L	100
18) trans-1,2-Dichloroethene	2.764	96	36444	3.338	ug/L	99
19) 1,1-Dichloroethane	3.191	63	21389	1.165	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	90245	8.619	ug/L	97
33) Benzene	5.101	78	13786	0.345	ug/L	100
34) Trichloroethene	5.918	95	14883	1.392	ug/L	93
40) 4-Methyl-2-pentanone	7.239	43	3639	0.804	ug/L #	81
42) Toluene	7.397	91	5186	0.120	ug/L	94
52) Ethylbenzene	9.017	91	7682	0.170	ug/L	98
53) m,p-xylene	9.146	106	2300	0.128	ug/L	100
54) o-xylene	9.548	106	3081	0.180	ug/L	96
63) 1,2,4-Trimethylbenzene	10.921	105	3600	0.105	ug/L	99

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

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