

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101421\
 Data File : VW022823.D
 Acq On : 15 Oct 2021 03:51
 Operator : SY/MD
 Sample : M4223-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGC4

Manual Integrations
 APPROVED

SAM
 10/18/2021 1:05:01 PM

Quant Time: Oct 16 03:57:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 03:54:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	124246	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126293	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60998	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36937	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.568	69	33398	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.108	63	44077	2.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.60%#
20) 2-Butanone-d5	3.892	46	82053	36.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.22%
24) Chloroform-d	4.352	84	74451	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.037	65	37572	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.053	84	144718	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.00%
36) 1,2-Dichloropropane-d6	6.072	67	55643	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.320	98	147554	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloroprop...	7.629	79	15810	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.088	63	89678	60.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.50%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39229	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	59438	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	8660	0.92	ug/L	90
13) Acetone	2.179	43	5443m	4.35	ug/L	
17) Methyl tert-butyl Ether	2.770	73	14126	0.78	ug/L	95
18) trans-1,2-Dichloroethene	2.764	96	1540	0.19	ug/L	96
19) 1,1-Dichloroethane	3.195	63	4157	0.28	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	187233	21.85	ug/L	96
34) Trichloroethene	5.915	95	52108	5.63	ug/L	97
42) Toluene	7.400	91	7748	0.22	ug/L	95
47) Tetrachloroethene	7.976	164	299887	40.09	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	4507	0.28	ug/L	87
65) 1,4-Dichlorobenzene	11.278	146	4126	0.25	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	4680	0.31	ug/L	93

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

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