

Data File : VR025481.D
Acq On : 16 Jul 2018 17:54
Operator : SY/MD
Sample : J4002-07MS
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0AG4MS

Quant Time: Jul 17 01:30:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 17 01:11:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.45	114	720092	5.00	ug/L	-0.01
28) Chlorobenzene-d5	11.29	117	595956	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	201516	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	86242	4.34	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	2.62	69	70126	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	3.62	63	259831	4.32	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.40%
20) 2-Butanone-d5	6.58	46	288390	46.77	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.54%
24) Chloroform-d	7.19	84	416481	4.24	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	7.89	65	166582	4.43	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	7.84	84	907915	4.55	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	8.89	67	263845	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	9.97	98	807528	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	10.24	79	67538	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	10.59	63	240632	48.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.14%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	113257	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	180119	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	3.64	96	105081	4.881 ug/L	98
18) trans-1,2-Dichloroethene	4.86	96	11506	0.215 ug/L	94
19) 1,1-Dichloroethane	5.68	63	37021	0.403 ug/L	92
22) cis-1,2-Dichloroethene	6.66	96	961624	19.566 ug/L	# 97
33) Benzene	7.90	78	1077679	5.246 ug/L	100
34) Trichloroethene	8.70	95	3238057	61.919 ug/L	99
42) Toluene	10.03	91	1089876	5.456 ug/L	98
47) Tetrachloroethene	10.51	164	40646	1.190 ug/L	92
51) Chlorobenzene	11.31	112	637250	5.239 ug/L	96

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

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