

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR062118\
 Data File : VR025393.D
 Acq On : 21 Jun 2018 11:53
 Operator : SY/MD
 Sample : J3514-11DL 40X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KG8DL

Manual Integrations
 APPROVED

MMDadoda
 6/26/2018 12:01:57 PM

Quant Time: Jun 22 03:10:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 02:50:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	645623	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	521626	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	180246	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	79175	3.60	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	2.64	69	62722	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	3.63	63	172213	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	6.59	46	304501	51.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.32%
24) Chloroform-d	7.21	84	385426	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	7.90	65	147986	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	7.86	84	791808	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	8.90	67	244036	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	9.97	98	666209	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	10.24	79	47059	3.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.40%
46) 2-Hexanone-d5	10.59	63	245225	52.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.68%
57) 1,1,1,2,2-Tetrachloroethane-	12.36	84	103349	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	150883	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds					Ovalue
12) 1,1-Dichloroethene	3.66	96	12333m	0.54	ug/L
22) cis-1,2-Dichloroethene	6.68	96	30004	0.62	ug/L
29) 1,1,1-Trichloroethane	7.42	97	14553	0.23	ug/L
34) Trichloroethene	8.71	95	347872	7.02	ug/L

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

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