

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052019\
 Data File : VU032154.D
 Acq On : 20 May 2019 14:52
 Operator : JC/SP
 Sample : K2860-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W36

Manual Integrations
 APPROVED

MMDadoda
 5/21/2019 11:11:03 AM

Quant Time: May 21 08:23:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 21 06:39:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	357319	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	356648	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	144280	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	106338	3.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.60%
7) Chloroethane-d5	1.68	69	94729	3.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.60%
11) 1,1-Dichloroethene-d2	2.27	63	160906	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.20	46	251855	42.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.24%
24) Chloroform-d	4.64	84	228765	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.31	65	112365	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
32) Benzene-d6	5.33	84	451728	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.32	67	131793	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.80%
41) Toluene-d8	7.56	98	366067	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloropropene-	7.85	79	46125	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.31	63	213982	41.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114392	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	142173	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.34	43	27830	14.346	ug/L	98
17) Methyl tert-butyl Ether	3.00	73	19926	0.591	ug/L #	95
18) trans-1,2-Dichloroethene	2.97	96	16606	1.081	ug/L	84
21) 2-Butanone	4.31	43	3475m	1.248	ug/L	
22) cis-1,2-Dichloroethene	4.22	96	37910	2.509	ug/L	97
34) Trichloroethene	6.18	95	138827	9.346	ug/L	98
38) Bromodichloromethane	6.75	83	50884	2.971	ug/L	99
47) Tetrachloroethene	8.22	164	55326	4.982	ug/L	96
49) Dibromochloromethane	8.47	129	48366	4.243	ug/L	92
61) Bromoform	9.96	173	9935	1.794	ug/L	97

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

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