

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U051719\
 Data File : VU032133.D
 Acq On : 18 May 2019 05:26
 Operator : JC/SP
 Sample : K2860-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W35

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 10:12:06 AM

Quant Time: May 18 06:47:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 18 05:45:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	357602	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	366615	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	142184	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	108478	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.68	69	93529	3.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.60%
11) 1,1-Dichloroethene-d2	2.27	63	154948	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.20	46	231531	39.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.30%
24) Chloroform-d	4.64	84	221602	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.31	65	109336	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
32) Benzene-d6	5.33	84	439602	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.60%
36) 1,2-Dichloropropane-d6	6.33	67	125627	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.80%
41) Toluene-d8	7.56	98	357518	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloropropene-	7.85	79	40381	3.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.60%
46) 2-Hexanone-d5	8.31	63	191806	36.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109933	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	140759	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.34	43	45348	23.358	ug/L	99
16) Methylene chloride	2.69	84	2243	0.131	ug/L	78
18) trans-1,2-Dichloroethene	2.97	96	2952	0.192	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	6064	0.401	ug/L	100
23) Bromochloromethane	4.54	128	1478m	0.228	ug/L	
34) Trichloroethene	6.18	95	18456	1.209	ug/L	86
38) Bromodichloromethane	6.75	83	62886	3.572	ug/L	97
47) Tetrachloroethene	8.22	164	6170	0.541	ug/L	92
49) Dibromochloromethane	8.47	129	53315	4.550	ug/L	98
61) Bromoform	9.95	173	10471	1.919	ug/L #	97

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

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