

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050219\
 Data File : VU031717.D
 Acq On : 02 May 2019 17:15
 Operator : JC/SP
 Sample : K2661-02 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B22

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 10:38:53 AM

Quant Time: May 03 07:37:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 07:25:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1099675	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1017409	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	442411	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	419425	45.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.14%
7) Chloroethane-d5	1.68	69	325830m	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.62%
11) 1,1-Dichloroethene-d2	2.27	63	604435	32.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.96%
21) 2-Butanone-d5	4.18	46	752704	90.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.27%
24) Chloroform-d	4.64	84	662030	39.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.56%
26) 1,2-Dichloroethane-d4	5.31	65	446301	40.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.06%
32) Benzene-d6	5.33	84	1421824	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
36) 1,2-Dichloropropane-d6	6.32	67	484174	44.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.10%
41) Toluene-d8	7.56	98	1247383	45.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.68%
43) trans-1,3-Dichloropropene-	7.85	79	210266	44.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.12%
47) 2-Hexanone-d5	8.31	63	497163	104.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	606311	41.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	413962	44.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.98%

Target Compounds

					Ovalue
17) trans-1,2-Dichloroethene	2.98	96	5907	0.661 ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	206090	21.490 ug/L	99
34) Trichloroethene	6.18	95	173477	19.132 ug/L	96
46) Tetrachloroethene	8.22	164	595857	96.393 ug/L	93

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

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