

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032719\
 Data File : VU030499.D
 Acq On : 27 Mar 2019 21:29
 Operator : JC/SP
 Sample : K2120-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF5D3

Manual Integrations
 APPROVED

MMDadoda
 3/28/2019 11:00:39 AM

Quant Time: Mar 28 04:22:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 02:45:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	419473	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	395576	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	156836	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	154642	45.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.62%
7) Chloroethane-d5	1.68	69	122680	45.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.70%
11) 1,1-Dichloroethene-d2	2.27	63	216980m	33.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.76%
21) 2-Butanone-d5	4.17	46	259610	81.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.81%
24) Chloroform-d	4.65	84	258795	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.98%
26) 1,2-Dichloroethane-d4	5.31	65	171999	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.38%
32) Benzene-d6	5.34	84	520697	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.33	67	185778	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.74%
41) Toluene-d8	7.56	98	456196	44.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.56%
43) trans-1,3-Dichloropropene-	7.85	79	79470	43.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.08%
47) 2-Hexanone-d5	8.31	63	167459	79.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	241282	43.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	146087	46.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.98%

Target Compounds Ovalue

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

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