

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031099.D
 Acq On : 12 Apr 2019 03:17
 Operator : JC/SP
 Sample : K2339-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC48

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 5:46:35 PM

Quant Time: Apr 12 08:00:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 07:24:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	490458	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	520991	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	224015	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	166372	38.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.00%
7) Chloroethane-d5	1.68	69	145755	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.72%
11) 1,1-Dichloroethene-d2	2.27	63	234906	29.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.32%#
21) 2-Butanone-d5	4.17	46	333561	96.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.13%
24) Chloroform-d	4.64	84	308688	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.32%
26) 1,2-Dichloroethane-d4	5.31	65	214425	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
32) Benzene-d6	5.33	84	591363	38.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.76%
36) 1,2-Dichloropropane-d6	6.32	67	216487	41.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.06%
41) Toluene-d8	7.56	98	513272	38.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.14%#
43) trans-1,3-Dichloropropene-	7.85	79	90549	38.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.20%
47) 2-Hexanone-d5	8.31	63	186489	78.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	311285	44.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	206554	46.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.76%

Target Compounds					Ovalue
13) Acetone	2.32	43	36332	10.232 ug/L	98
22) 2-Butanone	4.28	43	10979m	2.637 ug/L	
34) Trichloroethene	6.18	95	10317	2.467 ug/L	89

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

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