

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032619\
 Data File : VU030435.D
 Acq On : 26 Mar 2019 11:37
 Operator : JC/SP
 Sample : K2070-15DL 400X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 C09E1DL

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 9:55:24 AM

Quant Time: Mar 27 17:50:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 04:29:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	448087	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	438738	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	180206	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	198873	55.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.30%
7) Chloroethane-d5	1.68	69	156990	54.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.84%
11) 1,1-Dichloroethene-d2	2.27	63	274370	40.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.22%
21) 2-Butanone-d5	4.17	46	343633	101.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.37%
24) Chloroform-d	4.64	84	319635	51.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.88%
26) 1,2-Dichloroethane-d4	5.31	65	215689	53.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.10%
32) Benzene-d6	5.34	84	661289	52.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.12%
36) 1,2-Dichloropropane-d6	6.33	67	231169	53.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.40%
41) Toluene-d8	7.56	98	568183	50.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.56%
43) trans-1,3-Dichloropropene-	7.85	79	98093	48.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.92%
47) 2-Hexanone-d5	8.31	63	213627	91.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299804	48.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	190616	52.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.58%

Target Compounds

					Ovalue
33) Benzene	5.39	78	26981	1.807 ug/L	100
51) Chlorobenzene	9.12	112	470969	50.135 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	23934	4.061 ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	105071	17.319 ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	137382	23.055 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	46103m	12.027 ug/L	
70) 1,2,3-Trichlorobenzene	13.99	180	11626	2.872 ug/L	91

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

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