

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032619\
 Data File : VU030449.D
 Acq On : 26 Mar 2019 17:31
 Operator : JC/SP
 Sample : K2022-11 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C09B2

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 9:55:46 AM

Quant Time: Mar 27 06:49:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 06:00:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	458278	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	442948	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	209477	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	170027	46.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.20%
7) Chloroethane-d5	1.67	69	141766	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.98%
11) 1,1-Dichloroethene-d2	2.27	63	244411	34.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.86%
21) 2-Butanone-d5	4.17	46	344421	99.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.34%
24) Chloroform-d	4.64	84	302297	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.14%
26) 1,2-Dichloroethane-d4	5.31	65	201088	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
32) Benzene-d6	5.34	84	618181	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.34%
36) 1,2-Dichloropropane-d6	6.32	67	216806	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.78%
41) Toluene-d8	7.56	98	528773	46.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.70%
43) trans-1,3-Dichloropropene-	7.85	79	93859	45.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.86%
47) 2-Hexanone-d5	8.31	63	221311	93.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.97%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297484	47.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	201505m	48.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.02%

Target Compounds

					Ovalue
13) Acetone	2.32	43	8311	2.370	ug/L 98
33) Benzene	5.39	78	4372571	289.989	ug/L 100
51) Chlorobenzene	9.12	112	12298285	1296.718	ug/L 96
62) 1,3-Dichlorobenzene	11.41	146	214585	31.324	ug/L 99
63) 1,4-Dichlorobenzene	11.50	146	4527563	641.991	ug/L 99
65) 1,2-Dichlorobenzene	11.88	146	4247485	613.187	ug/L 100
68) 1,2,4-trichlorobenzene	13.50	180	89362	20.054	ug/L 97
70) 1,2,3-Trichlorobenzene	13.99	180	20194	4.292	ug/L 98

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

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