

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032019\
 Data File : VU030241.D
 Acq On : 20 Mar 2019 22:27
 Operator : JC/SP
 Sample : K2022-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C09A7

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 12:14:41 PM

Quant Time: Mar 22 02:44:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:27:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	523702	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	520019	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	259502	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	144129	40.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.40%
7) Chloroethane-d5	1.68	69	127969	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.38%
11) 1,1-Dichloroethene-d2	2.27	63	209064	32.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.72%
21) 2-Butanone-d5	4.17	46	258564	98.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.42%
24) Chloroform-d	4.65	84	302652	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
26) 1,2-Dichloroethane-d4	5.31	65	183197	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
32) Benzene-d6	5.34	84	644806	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
36) 1,2-Dichloropropane-d6	6.33	67	204970	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.68%
41) Toluene-d8	7.56	98	577004	44.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.56%
43) trans-1,3-Dichloropropene-	7.85	79	91072	44.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.22%
47) 2-Hexanone-d5	8.31	63	218193	99.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.23%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	312225	48.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	259520m	49.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.62%

Target Compounds

					Ovalue
13) Acetone	2.32	43	6834	2.489	ug/L 97
33) Benzene	5.39	78	307126	20.471	ug/L 100
51) Chlorobenzene	9.12	112	796209	73.696	ug/L 99
62) 1,3-Dichlorobenzene	11.41	146	204157	24.659	ug/L 98
63) 1,4-Dichlorobenzene	11.50	146	1829209	212.999	ug/L 99
65) 1,2-Dichlorobenzene	11.88	146	5467348	646.342	ug/L 99
68) 1,2,4-trichlorobenzene	13.50	180	439086	76.736	ug/L 99
70) 1,2,3-Trichlorobenzene	13.98	180	168619	28.242	ug/L 99

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

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