

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
 Data File : VU026732.D
 Acq On : 13 Sep 2018 17:53
 Operator : MD/SY
 Sample : J4893-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K1

Manual Integrations
 APPROVED

MMDadoda
 9/19/2018 1:55:23 PM

Quant Time: Sep 14 01:48:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 01:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	187366	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	176219	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85421	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62666	44.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.76%
7) Chloroethane-d5	1.68	69	50499	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.76%
11) 1,1-Dichloroethene-d2	2.27	63	83877	33.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.14%
21) 2-Butanone-d5	4.18	46	83415	96.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.00%
24) Chloroform-d	4.65	84	98374	42.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.74%
26) 1,2-Dichloroethane-d4	5.31	65	68011	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.52%
32) Benzene-d6	5.34	84	207297	45.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.90%
36) 1,2-Dichloropropane-d6	6.33	67	71079	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.88%
41) Toluene-d8	7.57	98	187445	43.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.85	79	30075	42.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.54%
47) 2-Hexanone-d5	8.31	63	59061	94.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	92065	43.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	79188m	46.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

					Ovalue
13) Acetone	2.32	43	1548	1.564	ug/L 92
51) Chlorobenzene	9.12	112	703742	209.549	ug/L 98
62) 1,3-Dichlorobenzene	11.42	146	60590	24.703	ug/L 98
63) 1,4-Dichlorobenzene	11.51	146	153878	59.222	ug/L 98
65) 1,2-Dichlorobenzene	11.88	146	953505	367.834	ug/L 99
68) 1,2,4-trichlorobenzene	13.50	180	302724	179.022	ug/L 99
70) 1,2,3-Trichlorobenzene	13.99	180	90931	49.643	ug/L 99

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

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