

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071818\
 Data File : VU025492.D
 Acq On : 18 Jul 2018 12:50
 Operator : MD/SY
 Sample : J4024-07MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1Q2MSD

Quant Time: Jul 19 01:46:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 19 01:07:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	329844	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	295636	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	141859	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67110	43.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.28%
7) Chloroethane-d5	1.68	69	63597	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.98%
11) 1,1-Dichloroethene-d2	2.28	63	160530	47.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.00%
21) 2-Butanone-d5	4.18	46	142861	86.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.31%
24) Chloroform-d	4.65	84	183035	45.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.72%
26) 1,2-Dichloroethane-d4	5.31	65	128107	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
32) Benzene-d6	5.35	84	352346	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
36) 1,2-Dichloropropane-d6	6.34	67	117399	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.24%
41) Toluene-d8	7.57	98	329574	47.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.32%
43) trans-1,3-Dichloropropene-	7.85	79	55453	45.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.06%
47) 2-Hexanone-d5	8.31	63	102735	83.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	159833	45.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	136665	48.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.14%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.29	96	85008	47.55	ug/L	98
33) Benzene	5.39	78	411018	46.99	ug/L	100
34) Trichloroethene	6.19	95	105640	45.63	ug/L	99
42) Toluene	7.64	91	444270	47.64	ug/L	98
51) Chlorobenzene	9.12	112	289693	46.30	ug/L	99

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

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