

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071818\
 Data File : VU025487.D
 Acq On : 18 Jul 2018 10:51
 Operator : MD/SY
 Sample : J3984-09DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB183DL

Quant Time: Jul 19 01:30:48 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	343516	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	309327	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	146801	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71298	44.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.02%
7) Chloroethane-d5	1.68	69	63913	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.62%
11) 1,1-Dichloroethene-d2	2.27	63	117836	33.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.26%
21) 2-Butanone-d5	4.18	46	141689	82.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.20%
24) Chloroform-d	4.65	84	185955	44.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.50%
26) 1,2-Dichloroethane-d4	5.31	65	127112	44.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.90%
32) Benzene-d6	5.35	84	354456	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
36) 1,2-Dichloropropane-d6	6.33	67	116002	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.72%
41) Toluene-d8	7.57	98	332990	46.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.04%
43) trans-1,3-Dichloropropene-	7.85	79	57171	44.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.74%
47) 2-Hexanone-d5	8.31	63	101697	79.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.24%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	157235	42.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	139137	47.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

					Ovalue
5) Vinyl chloride	1.41	62	18092	7.19	ug/L 92
20) cis-1,2-Dichloroethene	4.23	96	45362	16.82	ug/L 99
34) Trichloroethene	6.19	95	53725	22.18	ug/L 99
46) Tetrachloroethene	8.23	164	152922	75.67	ug/L 99

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

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