

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037916.D
 Acq On : 29 Apr 2020 16:58
 Operator : JC/MD
 Sample : L2411-03MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBFF7MSD

Quant Time: Apr 30 03:13:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 01:17:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	629714	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	616821	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	288009	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	199844	36.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.64%
7) Chloroethane-d5	1.93	69	186283	43.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.36%
11) 1,1-Dichloroethene-d2	2.59	63	371092	41.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.34%
21) 2-Butanone-d5	4.66	46	456083	104.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.62%
24) Chloroform-d	5.10	84	386166	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.16%
26) 1,2-Dichloroethane-d4	5.74	65	272767	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.00%
32) Benzene-d6	5.76	84	812140	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
36) 1,2-Dichloropropane-d6	6.72	67	278914	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.62%
41) Toluene-d8	7.92	98	726066	45.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.58%
43) trans-1,3-Dichloropropene-	8.20	79	131213	43.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.40%
47) 2-Hexanone-d5	8.65	63	374243	117.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.84%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	411131	50.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.30%
64) 1,2-Dichlorobenzene-d4	12.20	152	275705	49.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	177379	46.397	ug/L	90
13) Acetone	2.65	43	31010	11.922	ug/L	98
15) Methyl Acetate	2.98	43	10152	1.615	ug/L #	90
16) Methylene chloride	3.08	84	8988	1.979	ug/L	90
33) Benzene	5.81	78	877979	46.896	ug/L	100
34) Trichloroethene	6.57	95	208742	45.455	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	16154	1.817	ug/L	96
42) Toluene	7.99	91	937886	47.781	ug/L	100
51) Chlorobenzene	9.47	112	573091	46.939	ug/L	99

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

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