Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042920\
Data File : VU037920.D
Acq On : 29 Apr 2020 18:29
Operator : JC/MD
Sample : L2410-18MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBFF4MSD

Quant Time: Apr 30 03:46:52 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	672847	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	656601	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	311764	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	192665	32.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 65.54%			
7) Chloroethane-d5	1.93	69	181917	39.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.86%			
11) 1,1-Dichloroethene-d2	2.59	63	374448	39.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.70%			
21) 2-Butanone-d5	4.66	46	423768	90.97	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.97%			
24) Chloroform-d	5.10	84	388997	43.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.88%			
26) 1,2-Dichloroethane-d4	5.74	65	273210	44.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.12%			
32) Benzene-d6	5.76	84	807844	43.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.02%			
36) 1,2-Dichloropropane-d6	6.72	67	279718	45.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.08%			
41) Toluene-d8	7.92	98	718949	42.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.26%			
43) trans-1,3-Dichloropropene-	8.20	79	130114	40.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.40%			
47) 2-Hexanone-d5	8.65	63	327151	96.77	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.77%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	404322	46.79	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.58%			
64) 1,2-Dichlorobenzene-d4	12.20	152	275874	45.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.96%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.60	96	190661	46.674	ug/L	87
13) Acetone	2.65	43	22228	7.998	ug/L	93
27) 1,2-Dichloroethane	5.83	62	24734	3.352	ug/L #	94
29) Cyclohexane	5.42	56	33565	3.654	ug/L	95
33) Benzene	5.81	78	987689	49.560	ug/L	100
34) Trichloroethene	6.57	95	224199	45.863	ug/L	98
35) Methylcyclohexane	6.79	83	24635	2.878	ug/L	100
42) Toluene	7.99	91	1006533	48.172	ug/L	100
46) Tetrachloroethene	8.57	164	482784	135.119	ug/L	98
51) Chlorobenzene	9.47	112	617420	47.506	ug/L	100
53) m,p-Xylene	9.72	106	27562	3.129	ug/L	96
54) o-xylene	10.12	106	38354	4.451	ug/L	99

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

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