Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041620\
Data File : VU037748.D
Acq On : 16 Apr 2020 12:32
Operator : JC/MD
Sample : L2296-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS90

Quant Time: Apr 17 02:59:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 17 01:29:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	265352	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	258387	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	129977	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	92747	4.62	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.40%			
7) Chloroethane-d5	1.93	69	79083	4.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.40%			
11) 1,1-Dichloroethene-d2	2.59	63	122686	3.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.80%			
20) 2-Butanone-d5	4.66	46	283112	51.34	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.68%			
24) Chloroform-d	5.10	84	153873	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.74	65	91213	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
32) Benzene-d6	5.76	84	327215	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
36) 1,2-Dichloropropane-d6	6.72	67	110248	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.00%			
41) Toluene-d8	7.92	98	292290	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
43) trans-1,3-Dichloropropene-	8.20	79	45462	4.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.00%			
46) 2-Hexanone-d5	8.65	63	255124	48.83	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.66%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	85862	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.80%			
64) 1,2-Dichlorobenzene-d4	12.21	152	111112	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	51279	1.834	ug/L	89
12) 1,1-Dichloroethene	2.60	96	8597	0.469	ug/L #	1
13) Acetone	2.66	43	3119	0.858	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	2665	0.134	ug/L	83
19) 1,1-Dichloroethane	3.91	63	40705	1.060	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	245349	11.438	ug/L	95
25) Chloroform	5.13	83	130404	3.575	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	78265	2.496	ug/L	98
30) Cyclohexane	5.42	56	7391	0.190	ug/L	93
34) Trichloroethene	6.57	95	10283	0.490	ug/L	94
51) Chlorobenzene	9.47	112	32508	0.596	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	8797	0.202	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	8742	0.200	ug/L	95
65) 1,2-Dichlorobenzene	12.23	146	3868	0.094	ug/L	90
68) 1,2,4-trichlorobenzene	13.87	180	10465	0.357	ug/L	94
70) 1,2,3-Trichlorobenzene	14.36	180	8693	0.333	ug/L	98

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

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