Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043020\
Data File : VU037950.D
Acq On : 30 Apr 2020 13:49
Operator : JC/MD
Sample : L2321-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : X2M09

Quant Time: May 01 10:02:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 01 02:16:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	632005	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	629215	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	304497	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	285785	51.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.82%			
7) Chloroethane-d5	1.91	69	231139	51.11	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.22%			
11) 1,1-Dichloroethene-d2	2.58	63	345372	37.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.96%			
21) 2-Butanone-d5	4.66	46	369860	85.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.13%			
24) Chloroform-d	5.10	84	427625	49.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.36%			
26) 1,2-Dichloroethane-d4	5.74	65	310789	51.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.96%			
32) Benzene-d6	5.76	84	956811	51.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.18%			
36) 1,2-Dichloropropane-d6	6.72	67	316176	51.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.84%			
41) Toluene-d8	7.92	98	877416	51.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.14%			
43) trans-1,3-Dichloropropene-	8.20	79	149594	51.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.76%			
47) 2-Hexanone-d5	8.66	63	285112	106.61	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.61%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	449953	50.78	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.56%			
64) 1,2-Dichlorobenzene-d4	12.21	152	328231	51.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.12%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	660823	104.361	ug/L	98
8) Chloroethane	1.93	64	260006	68.276	ug/L	98
9) Trichlorofluoromethane	2.14	101	387743	58.916	ug/L	100
17) trans-1,2-Dichloroethene	3.38	96	256370	57.366	ug/L	99
18) Methyl tert-butyl Ether	3.40	73	1529200	102.840	ug/L	100
20) cis-1,2-Dichloroethene	4.70	96	129445	26.196	ug/L	99
25) Chloroform	5.12	83	288617	33.773	ug/L	99
27) 1,2-Dichloroethane	5.83	62	313400	44.350	ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	366730	52.434	ug/L	99
33) Benzene	5.81	78	1448210	73.625	ug/L	100
34) Trichloroethene	6.57	95	459208	96.275	ug/L	99
37) 1,2-Dichloropropane	6.82	63	282138	53.649	ug/L	100
42) Toluene	8.00	91	2229439	107.880	ug/L	99
46) Tetrachloroethene	8.57	164	245413	70.472	ug/L	99
48) 2-Hexanone	8.71	43	1059513	150.885	ug/L	98
49) Dibromochloromethane	8.83	129	88347	19.233	ug/L	99
50) 1,2-Dibromoethane	8.95	107	468702	91.606	ug/L	97

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Quant Title : VOC Analysis
QLast Update : Fri May 01 02:16:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-xylene	10.12	106	371504	43.381	ug/L	97
56) Isopropylbenzene	10.50	105	1626899	73.781	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	315145	32.326	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	274114	43.029	ug/L	99

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

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