Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061220\

Quantitation Report (LSC Reviewed)

Data File : VU038831.D
Acq On : 11 Jun 2020 17:43
Operator : SY/MD
Sample : L2968-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXE8

Quant Time: Jun 15 01:59:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 12 01:02:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	268560	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	269428	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	127934	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	68560	3.94	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.80%			
7) Chloroethane-d5	1.93	69	65101	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.40%			
11) 1,1-Dichloroethene-d2	2.59	63	117380	3.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.60%			
20) 2-Butanone-d5	4.67	46	314167	59.50	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.00%			
24) Chloroform-d	5.10	84	177728	5.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.80%			
26) 1,2-Dichloroethane-d4	5.74	65	106888	5.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 115.40%			
32) Benzene-d6	5.76	84	341561	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
36) 1,2-Dichloropropane-d6	6.72	67	109992	5.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.40%			
41) Toluene-d8	7.92	98	277144	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
43) trans-1,3-Dichloropropene-	8.20	79	42255	4.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.00%			
46) 2-Hexanone-d5	8.65	63	251476	57.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.50%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	96700	5.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.20%			
64) 1,2-Dichlorobenzene-d4	12.20	152	119897	5.43	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	150934	7.247	ug/L	97
18) trans-1,2-Dichloroethene	3.38	96	5122	0.287	ug/L	92
19) 1,1-Dichloroethane	3.91	63	138647	4.346	ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	127399	6.638	ug/L	93
25) Chloroform	5.12	83	21232	0.655	ug/L	99
27) 1,2-Dichloroethane	5.83	62	21924	0.961	ug/L #	94
29) 1,1,1-Trichloroethane	5.35	97	14916	0.523	ug/L	96
30) Cyclohexane	5.42	56	8355	0.279	ug/L	98
33) Benzene	5.81	78	40060	0.533	ug/L	100
34) Trichloroethene	6.57	95	5443	0.279	ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	9925	0.696	ug/L	88
51) Chlorobenzene	9.47	112	71341	1.404	ug/L	96
54) o-Xylene	10.11	106	6275	0.194	ug/L	92
62) 1,3-Dichlorobenzene	11.76	146	5975	0.159	ug/L	93
63) 1,4-Dichlorobenzene	11.85	146	10650	0.279	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	5393	0.151	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	2670	0.103	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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