Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

Quant Time: Oct 01 06:08:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 01:06:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	256972	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	209520	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.07	152	104181	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	48455	3.60	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.00%			
7) Chloroethane-d5	1.70	69	38682	3.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 68.20%			
11) 1,1-Dichloroethene-d2	2.34	63	76479	2.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 51.40%#			
20) 2-Butanone-d5	4.54	46	176608	51.51	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.02%			
24) Chloroform-d	5.14	84	131730	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.60%			
26) 1,2-Dichloroethane-d4	6.03	65	75603	4.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.40%			
32) Benzene-d6	6.05	84	225407	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
36) 1,2-Dichloropropane-d6	7.37	67	74774	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.40%			
41) Toluene-d8	8.70	98	206210	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
45) trans-1,3-Dichloropropene-	8.99	79	33613	5.13	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.60%			
48) 2-Hexanone-d5	9.43	63	143521	61.15	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 122.30%			
59) 1,1,2,2-Tetrachloroethane-	11.24	84	55929	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.00%			
65) 1,2-Dichlorobenzene-d4	12.37	152	71449	4.20	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.00%			
Target Compounds						Qvalue
13) Acetone	2.43	43	81537	42.962	ug/L	98
14) Carbon disulfide	2.55	76	58217	1.526	ug/L	96
21) 2-Butanone	4.65	43	82392	27.350	ug/L #	58
30) Cyclohexane	5.56	56	137422	8.656	ug/L	90
33) Benzene	6.12	78	6258	0.155	ug/L	100
35) Methylcyclohexane	7.44	83	99746	6.135	ug/L	97
40) 4-Methyl-2-pentanone	8.62	43	18060	3.023	ug/L #	89
42) Toluene	8.77	91	4865	0.111	ug/L	93
50) 2-Hexanone	9.48	43	69252	16.377	ug/L	99
54) Ethylbenzene	10.24	91	31289	0.658	ug/L	93
55) m,p-xylene	10.34	106	27818	1.531	ug/L	98
56) o-xylene	10.68	106	14314	0.834	ug/L	94
58) Isopropylbenzene	11.01	105	1419797	30.837	ug/L	100
64) 1,4-Dichlorobenzene	12.08	146	2705	0.118	ug/L #	62
69) 1,2,4-trichlorobenzene	13.63	180	6485947	465.343	ug/L	96
71) 1,2,3-Trichlorobenzene	14.01	180	1535897	121.939	ug/L	99

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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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