Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018759.D
Acq On : 02 Oct 2020 19:54
Operator : JC/SP
Sample : L4239-06
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 03 08:17:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 14:11:08 2020
Response via : Initial Calibration

Instrument : MSVOA_X
ClientSampleId : BG3N6

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	345172	5.00	ug/L	0.01
28) Chlorobenzene-d5	10.10	117	314542	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.09	152	164120	5.00	ug/L	0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	112371	5.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 111.40%			
7) Chloroethane-d5	1.70	69	80585	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.20%			
11) 1,1-Dichloroethene-d2	2.36	63	1527568	33.58	ug/L	0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 671.60%#			
20) 2-Butanone-d5	4.62	46	280859	53.10	ug/L	0.07
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.20%			
24) Chloroform-d	5.16	84	216300	4.43	ug/L	0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%			
26) 1,2-Dichloroethane-d4	6.04	65	124269	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.40%			
32) Benzene-d6	6.06	84	437238	5.59	ug/L	0.01
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.80%			
36) 1,2-Dichloropropane-d6	7.38	67	133078	5.89	ug/L	0.01
Spiked Amount 5.000	Range 60 - 140		Recovery = 117.80%			
41) Toluene-d8	8.80	98	408353	5.30	ug/L	0.10
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.00%			
45) trans-1,3-Dichloropropene-	9.02	79	55561	4.57	ug/L	0.03
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.40%			
48) 2-Hexanone-d5	9.44	63	233765	57.37	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.74%			
59) 1,1,2,2-Tetrachloroethane-	11.26	84	93960	5.11	ug/L	0.02
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
65) 1,2-Dichlorobenzene-d4	12.37	152	157532	5.20	ug/L	0.01
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.00%			
Target Compounds						Qvalue
3) Chloromethane	1.31	50	23141	1.386	ug/L #	81
8) Chloroethane	1.72	64	185579	16.428	ug/L #	61
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	11202	0.578	ug/L #	55
12) 1,1-Dichloroethene	2.36	96	2470125	143.659	ug/L #	54
13) Acetone	2.47	43	61446	21.280	ug/L	91
14) Carbon disulfide	2.56	76	573402	10.656	ug/L	100
18) trans-1,2-Dichloroethene	3.15	96	1223369	66.448	ug/L	90
19) 1,1-Dichloroethane	3.68	63	4789239	146.326	ug/L	97
22) cis-1,2-Dichloroethene	4.56	96	52271878m	2753.050	ug/L	
29) 1,1,1-Trichloroethane	5.46	97	76286711m	2050.168	ug/L	
30) Cyclohexane	5.61	56	6081352	235.640	ug/L	94
33) Benzene	6.12	78	1171217	17.781	ug/L	100
34) Trichloroethene	7.20	95	3453251	177.566	ug/L	97
35) Methylcyclohexane	7.45	83	28780	1.044	ug/L #	75
42) Toluene	8.84	91	110287162m	1530.162	ug/L	
47) 1,1,2-Trichloroethane	9.21	97	29681	2.383	ug/L	97
49) Tetrachloroethene	9.34	164	14243	0.838	ug/L	92

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53) Chlorobenzene	10.13	112	838378	17.005	ug/L		94
54) Ethylbenzene	10.24	91	15097143	186.855	ug/L	#	82
55) m,p-xylene	10.35	106	17537531m	556.470	ug/L		
56) o-xylene	10.70	106	14083704	483.570	ug/L	#	26
58) Isopropylbenzene	11.01	105	5661438	69.435	ug/L		98
63) 1,3-Dichlorobenzene	12.04	146	37614	0.943	ug/L		96
64) 1,4-Dichlorobenzene	12.10	146	158261	3.978	ug/L		94
66) 1,2-Dichlorobenzene	12.38	146	600593	16.125	ug/L		98
69) 1,2,4-trichlorobenzene	13.63	180	318945	12.512	ug/L		94
71) 1,2,3-Trichlorobenzene	14.01	180	93516	4.077	ug/L		93

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

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