Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018758.D
Acq On : 02 Oct 2020 19:29
Operator : JC/SP
Sample : L4239-05
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 03 08:09:49 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 : BG3N5

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	303310	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	271719	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.07	152	130130	5.00	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	103232	5.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 116.40%			
7) Chloroethane-d5	1.70	69	75653	5.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.20%			
11) 1,1-Dichloroethene-d2	2.35	63	329362	8.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 164.80%#			
20) 2-Butanone-d5	4.57	46	248492	53.47	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.94%			
24) Chloroform-d	5.14	84	197915	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
26) 1,2-Dichloroethane-d4	6.03	65	115861	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.60%			
32) Benzene-d6	6.05	84	379977	5.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.60%			
36) 1,2-Dichloropropane-d6	7.37	67	114088	5.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 116.80%			
41) Toluene-d8	8.71	98	358588	5.39	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.80%			
45) trans-1,3-Dichloropropene-	9.00	79	51685	4.92	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.40%			
48) 2-Hexanone-d5	9.43	63	228559	64.93	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 129.86%			
59) 1,1,2,2-Tetrachloroethane-	11.25	84	85751	5.40	ug/L	0.02
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.00%			
65) 1,2-Dichlorobenzene-d4	12.37	152	128671	5.36	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.39	62	484507	29.605	ug/L #	60
8) Chloroethane	1.72	64	77716	7.829	ug/L #	79
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	5145	0.302	ug/L #	72
12) 1,1-Dichloroethene	2.36	96	324951	21.507	ug/L #	55
14) Carbon disulfide	2.55	76	43293	0.916	ug/L	96
18) trans-1,2-Dichloroethene	3.14	96	231203	14.291	ug/L	93
19) 1,1-Dichloroethane	3.67	63	3871821	134.623	ug/L	97
21) 2-Butanone	4.67	43	40543m	10.976	ug/L	
22) cis-1,2-Dichloroethene	4.57	96	25155938	1507.771	ug/L #	80
29) 1,1,1-Trichloroethane	5.46	97	37725972m	1173.653	ug/L	
30) Cyclohexane	5.56	56	3426721	153.704	ug/L	97
33) Benzene	6.11	78	123924	2.178	ug/L	100
34) Trichloroethene	7.19	95	275864	16.420	ug/L	97
35) Methylcyclohexane	7.44	83	38319	1.610	ug/L #	88
42) Toluene	8.82	91	51035139m	819.673	ug/L	
47) 1,1,2-Trichloroethane	9.20	97	4169	0.388	ug/L #	86
49) Tetrachloroethene	9.32	164	13996	0.953	ug/L	91

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53) Chlorobenzene	10.12	112	769508	18.068	ug/L		92
54) Ethylbenzene	10.23	91	17896135	256.406	ug/L		87
55) m,p-xylene	10.35	106	22002154m	808.159	ug/L		
56) o-xylene	10.69	106	15826815	629.064	ug/L	#	26
58) Isopropylbenzene	11.01	105	11202883	159.052	ug/L		97
63) 1,3-Dichlorobenzene	12.02	146	114217	3.611	ug/L		97
64) 1,4-Dichlorobenzene	12.09	146	137707	4.366	ug/L		97
66) 1,2-Dichlorobenzene	12.38	146	1085445	36.755	ug/L		97
69) 1,2,4-trichlorobenzene	13.63	180	128613	6.363	ug/L	#	94
71) 1,2,3-Trichlorobenzene	14.00	180	60074	3.303	ug/L		97

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

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