Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
Data File : VX017899.D
Acq On : 14 Aug 2020 14:53
Operator : JC/SP
Sample : L3697-04
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0N1

Quant Time: Aug 19 03:31:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 04:16:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	305958	5.00	ug/L		0.00
28) Chlorobenzene-d5	10.10	117	283078	5.00	ug/L		0.00
61) 1,4-Dichlorobenzene-d4	12.07	152	148383	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	99588	4.71	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.20%				
7) Chloroethane-d5	1.69	69	79865	4.76	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.20%				
11) 1,1-Dichloroethene-d2	2.34	63	147794	3.39	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.80%				
20) 2-Butanone-d5	4.53	46	278806	49.66	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.32%				
24) Chloroform-d	5.15	84	200784	4.68	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%				
26) 1,2-Dichloroethane-d4	6.04	65	110293	4.68	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%				
32) Benzene-d6	6.06	84	375207	4.83	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%				
36) 1,2-Dichloropropane-d6	7.37	67	122512	5.10	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.00%				
41) Toluene-d8	8.70	98	341952	4.62	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%				
45) trans-1,3-Dichloropropene-	8.99	79	46275	4.45	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.00%				
48) 2-Hexanone-d5	9.43	63	219355	50.73	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.46%				
59) 1,1,2,2-Tetrachloroethane-	11.23	84	87459	4.79	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.80%				
65) 1,2-Dichlorobenzene-d4	12.36	152	144509	5.06	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.20%				
Target Compounds							Qvalue
5) Vinyl chloride	1.39	62	61314	2.128	ug/L		100
8) Chloroethane	1.71	64	172407	10.696	ug/L		95
13) Acetone	2.42	43	74467	18.153	ug/L		98
17) Methyl tert-butyl Ether	3.17	73	22177	0.353	ug/L	#	1
18) trans-1,2-Dichloroethene	3.14	96	4034	0.152	ug/L		90
19) 1,1-Dichloroethane	3.67	63	38870	0.819	ug/L		95
21) 2-Butanone	4.64	43	23210	3.276	ug/L		93
22) cis-1,2-Dichloroethene	4.57	96	345910	12.388	ug/L	#	96
25) Chloroform	5.18	83	11727	0.229	ug/L		94
30) Cyclohexane	5.54	56	29584	0.734	ug/L		99
33) Benzene	6.12	78	22682924	226.341	ug/L		100
35) Methylcyclohexane	7.44	83	25855	0.629	ug/L		99
40) 4-Methyl-2-pentanone	8.62	43	44300	2.700	ug/L		99
42) Toluene	8.76	91	20205016	185.726	ug/L	#	63
53) Chlorobenzene	10.12	112	3827453	54.052	ug/L		99
54) Ethylbenzene	10.24	91	5687681	47.907	ug/L		99
55) m,p-xylene	10.35	106	5846859	128.979	ug/L		89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) o-xylene	10.68	106	1849862	42.088	ug/L	98
58) Isopropylbenzene	11.01	105	1010564	8.590	ug/L	100
63) 1,3-Dichlorobenzene	12.01	146	34718	0.601	ug/L	94
64) 1,4-Dichlorobenzene	12.08	146	209024	3.636	ug/L	99
66) 1,2-Dichlorobenzene	12.38	146	234256	4.364	ug/L	98

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

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