Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018791.D
Acq On : 06 Oct 2020 11:43
Operator : JC/SP
Sample : L4240-01
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7

Quant Time: Oct 07 01:46:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 07 01:30:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	129292	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	123703	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	66892	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	37273	4.93	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.60%			
7) Chloroethane-d5	1.70	69	31310	5.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.00%			
11) 1,1-Dichloroethene-d2	2.34	63	63011	3.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.00%			
20) 2-Butanone-d5	4.54	46	111213	56.14	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.28%			
24) Chloroform-d	5.14	84	90266	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
26) 1,2-Dichloroethane-d4	6.03	65	50155	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
32) Benzene-d6	6.04	84	163366	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.20%			
36) 1,2-Dichloropropane-d6	7.37	67	48723	5.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.60%			
41) Toluene-d8	8.70	98	149496	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
45) trans-1,3-Dichloropropene-	8.99	79	16242	3.40	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 68.00%			
48) 2-Hexanone-d5	9.43	63	84079	52.47	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.94%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	37379	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.40%			
65) 1,2-Dichlorobenzene-d4	12.36	152	63250	5.13	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.60%			
Target Compounds						Qvalue
13) Acetone	2.44	43	3786	3.501	ug/L	84
14) Carbon disulfide	2.56	76	22219	1.102	ug/L	98
19) 1,1-Dichloroethane	3.67	63	3289	0.268	ug/L #	87
29) 1,1,1-Trichloroethane	5.46	97	39988	2.733	ug/L	99
30) Cyclohexane	5.55	56	426584	42.029	ug/L	99
35) Methylcyclohexane	7.43	83	2823	0.260	ug/L #	69
42) Toluene	8.76	91	1738856	61.344	ug/L	99
49) Tetrachloroethene	9.32	164	1838	0.275	ug/L	90
53) Chlorobenzene	10.12	112	40841	2.106	ug/L	91
54) Ethylbenzene	10.23	91	187203	5.891	ug/L	97
55) m,p-xylene	10.34	106	267493	21.582	ug/L	95
56) o-xylene	10.68	106	93330	8.148	ug/L	99
58) Isopropylbenzene	11.00	105	77613	2.420	ug/L	97
63) 1,3-Dichlorobenzene	12.01	146	45530	2.800	ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	197163	12.160	ug/L	98
66) 1,2-Dichlorobenzene	12.37	146	53714	3.538	ug/L	92
69) 1,2,4-trichlorobenzene	13.63	180	445368	42.866	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 1,2,3-Trichlorobenzene	14.00	180	154841	16.564	ug/L	99

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

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