Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100520\
Data File : VX018772.D
Acq On : 05 Oct 2020 17:54
Operator : JC/SP
Sample : L4239-03DL 100X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3N2DL

Manual Integrations APPROVED
MMDadoda
10/7/2020 11:01:25 AM

Quant Time: Oct 06 03:13:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 02:55:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	150152	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	143222	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	72179	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	41738	4.76	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.20%			
7) Chloroethane-d5	1.70	69	35714	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.00%			
11) 1,1-Dichloroethene-d2	2.34	63	72888	3.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.60%			
20) 2-Butanone-d5	4.56	46	141338	61.43	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.86%			
24) Chloroform-d	5.14	84	100946	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	6.03	65	58305	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
32) Benzene-d6	6.04	84	191434	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.60%			
36) 1,2-Dichloropropane-d6	7.37	67	58101	5.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 113.00%			
41) Toluene-d8	8.70	98	171991	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
45) trans-1,3-Dichloropropene-	8.99	79	25791	4.66	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.20%			
48) 2-Hexanone-d5	9.43	63	114558	61.74	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 123.48%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	45863	5.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.60%			
65) 1,2-Dichlorobenzene-d4	12.36	152	73602	5.53	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.39	62	3964	0.489	ug/L #	81
8) Chloroethane	1.71	64	719m	0.146	ug/L	
12) 1,1-Dichloroethene	2.36	96	3918	0.524	ug/L #	1
16) Methylene chloride	2.83	84	3974	0.438	ug/L	93
18) trans-1,2-Dichloroethene	3.14	96	1726	0.216	ug/L #	66
19) 1,1-Dichloroethane	3.67	63	45238	3.177	ug/L	99
22) cis-1,2-Dichloroethene	4.56	96	179880	21.779	ug/L #	93
29) 1,1,1-Trichloroethane	5.46	97	299108	17.654	ug/L	99
30) Cyclohexane	5.55	56	15513	1.320	ug/L	96
42) Toluene	8.76	91	2059424	62.752	ug/L	97
53) Chlorobenzene	10.12	112	6389	0.285	ug/L	92
54) Ethylbenzene	10.23	91	163762	4.451	ug/L	96
55) m,p-xylene	10.34	106	257169	17.921	ug/L	100
56) o-xylene	10.68	106	123076	9.281	ug/L	97
58) Isopropylbenzene	11.00	105	42635	1.148	ug/L	98
63) 1,3-Dichlorobenzene	12.01	146	1437	0.082	ug/L	87
64) 1,4-Dichlorobenzene	12.08	146	1852	0.106	ug/L	92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
66) 1,2-Dichlorobenzene	12.38	146	8176	0.499	ug/L	#	82

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

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