Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030320\
Data File : VL034768.D
Acq On : 3 Mar 2020 17:49
Operator : SY/AP
Sample : L1704-05
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-5-4

Manual Integrations APPROVED
MMDadoda
3/4/2020 4:49:15 PM

Quant Time: Mar 04 11:21:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Feb 2
QLast Update : Fri Feb 28 01:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.72	49	1021182	10.00	ppbv		0.05
33) 1,4-Difluorobenzene	7.24	114	2174156	10.00	ppbv		0.05
55) Chlorobenzene-d5	12.16	117	2263144	10.00	ppbv		0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.49	95	1915633	10.32	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	42517	0.264	ppbv		91
3) Chlorodifluoromethane	2.96	51	28090m	0.255	ppbv		
4) Chloromethane	3.12	50	32481m	0.527	ppbv		
9) Propene	3.00	41	191252m	4.152	ppbv		
10) Heptane	8.18	43	9069417	76.488	ppbv		90
11) Trichlorofluoromethane	3.94	101	45618	0.323	ppbv		93
13) Ethanol	3.64	45	469671	32.274	ppbv		96
15) Acetone	3.87	43	26442634	227.240	ppbv	#	20
20) Methylene Chloride	4.38	84	137122m	3.168	ppbv		
26) Hexane	5.71	57	1108435	11.675	ppbv	#	54
29) Chloroform	5.81	83	37984m	0.251	ppbv		
30) Cyclohexane	7.17	84	786305	10.687	ppbv		94
34) 2-Butanone	5.29	43	400461	2.926	ppbv		98
36) Benzene	6.94	78	66758	0.356	ppbv		99
52) Tetrachloroethene	11.29	164	9406m	0.137	ppbv		
53) Toluene	9.90	91	20497939	102.632	ppbv	#	66
58) Ethyl Benzene	12.78	91	594312	2.171	ppbv		93
59) m/p-Xylene	13.04	91	1731367m	7.250	ppbv		
60) o-Xylene	13.76	91	918830	3.877	ppbv		97
62) Isopropylbenzene	14.74	105	304606	0.881	ppbv		100
64) n-propylbenzene	15.63	120	435689	4.889	ppbv		82
67) sec-Butylbenzene	17.37	105	120245m	0.280	ppbv		
70) n-Butylbenzene	18.63	91	165198m	0.429	ppbv		
72) 4-Ethyltoluene	15.91	105	2288847	8.678	ppbv		99
73) 1,3,5-Trimethylbenzene	16.07	105	1790568	7.057	ppbv		97
74) 1,2,4-Trimethylbenzene	16.83	105	4658493	16.624	ppbv	#	70
79) Naphthalene	22.30	128	226275m	0.918	ppbv		
80) Naphthalene,2-methyl-	25.04	142	28850	0.379	ppbv	#	90

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

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