Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100820\
Data File : VL035750.D
Acq On : 8 Oct 2020 18:15
Operator : SY/AP
Sample : L4312-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-2

Manual Integrations APPROVED
apatel
10/12/2020 10:29:56 AM

Quant Time: Oct 09 23:21:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 2
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1048369	10.00	ppbv		-0.01
33) 1,4-Difluorobenzene	7.18	114	4050444	10.00	ppbv		-0.01
55) Chlorobenzene-d5	12.10	117	4032572	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	3202436	10.60	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	52354	0.304	ppbv		94
3) Chlorodifluoromethane	2.98	51	47442m	0.421	ppbv		
4) Chloromethane	3.13	50	25200m	0.416	ppbv		
9) Propene	3.02	41	72878	1.780	ppbv	#	71
11) Trichlorofluoromethane	3.94	101	68727	0.280	ppbv		88
13) Ethanol	3.60	45	364174	36.062	ppbv		99
15) Acetone	3.84	43	1574609	13.958	ppbv		99
19) Isopropyl Alcohol	3.98	45	141872	2.312	ppbv	#	89
20) Methylene Chloride	4.34	84	241561	2.915	ppbv		98
26) Hexane	5.69	57	134114	1.206	ppbv	#	68
34) 2-Butanone	5.25	43	174545	1.303	ppbv		100
35) Carbon Tetrachloride	7.02	117	15947m	0.076	ppbv		
36) Benzene	6.89	78	68864	0.261	ppbv		98
44) 2,2,4-Trimethylpentane	7.88	57	56605	0.149	ppbv	#	76
52) Tetrachloroethene	11.23	164	39473m	0.311	ppbv		
53) Toluene	9.82	91	329598	1.059	ppbv		96
58) Ethyl Benzene	12.72	91	49355	0.122	ppbv		90
59) m/p-Xylene	12.98	91	217818	0.616	ppbv		99
60) o-Xylene	13.71	91	101030	0.283	ppbv		100
61) Styrene	13.54	104	67949m	0.275	ppbv		
62) Isopropylbenzene	14.69	105	77851	0.140	ppbv		98
64) n-propylbenzene	15.58	120	98722	0.608	ppbv		70
67) sec-Butylbenzene	17.31	105	128965	0.185	ppbv		94
69) p-Isopropyltoluene	17.67	119	202618	0.358	ppbv		95
70) n-Butylbenzene	18.58	91	239452	0.410	ppbv	#	35
72) 4-Ethyltoluene	15.85	105	654518	1.545	ppbv		97
73) 1,3,5-Trimethylbenzene	16.01	105	1044233	2.609	ppbv		92
74) 1,2,4-Trimethylbenzene	16.78	105	2238118	4.960	ppbv	#	74
76) 1,4-Dichlorobenzene	17.16	146	479104	1.627	ppbv	#	85
79) Naphthalene	22.23	128	488069	1.134	ppbv		97
80) Naphthalene,2-methyl-	24.99	142	14676	0.145	ppbv		97

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

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