Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120820\
Data File : VL036106.D
Acq On : 8 Dec 2020 22:27
Operator : SY/AP
Sample : L4949-05
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-4

Manual Integrations APPROVED
MMDadoda
12/11/2020 12:23:20 PM

Quant Time: Dec 09 22:38:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 0
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1124172	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	2596643	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.10	117	2368583	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	2008955	10.68	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	34007m	0.260	ppbv		
3) Chlorodifluoromethane	2.98	51	49238	0.384	ppbv	#	89
4) Chloromethane	3.14	50	31216	0.496	ppbv		90
9) Propene	3.02	41	2377035m	36.995	ppbv		
10) Heptane	8.13	43	600776	3.661	ppbv		94
11) Trichlorofluoromethane	3.95	101	52687m	0.342	ppbv		
13) Ethanol	3.62	45	678644	76.618	ppbv		86
15) Acetone	3.85	43	21911572	162.178	ppbv	#	70
19) Isopropyl Alcohol	3.99	45	2197048m	26.605	ppbv		
20) Methylene Chloride	4.36	84	208918	3.773	ppbv		93
25) Ethyl Acetate	5.68	43	5599412	20.745	ppbv	#	63
30) Cyclohexane	7.14	84	77793m	0.872	ppbv		
34) 2-Butanone	5.25	43	9457066	54.906	ppbv		97
35) Carbon Tetrachloride	7.02	117	10512m	0.069	ppbv		
36) Benzene	6.91	78	197155	0.896	ppbv		98
38) Trichloroethene	7.85	130	16953m	0.206	ppbv		
41) Tetrahydrofuran	6.05	42	1638389	16.012	ppbv		100
44) 2,2,4-Trimethylpentane	7.88	57	2342790	5.879	ppbv	#	72
50) 4-Methyl-2-Pentanone	8.75	43	3123605	12.160	ppbv		99
52) Tetrachloroethene	11.25	164	86135m	1.081	ppbv		
53) Toluene	9.83	91	20883730	84.514	ppbv	#	76
58) Ethyl Benzene	12.73	91	2979532	9.179	ppbv		99
59) m/p-Xylene	12.99	91	8473115	30.992	ppbv		94
60) o-Xylene	13.71	91	3150755	12.232	ppbv		98
61) Styrene	13.55	104	86633	0.524	ppbv		89
62) Isopropylbenzene	14.68	105	211605m	0.554	ppbv		
64) n-propylbenzene	15.58	120	179356m	1.952	ppbv		
65) tert-Butylbenzene	16.78	119	205010	0.656	ppbv	#	54
72) 4-Ethyltoluene	15.86	105	966083	3.462	ppbv		99
73) 1,3,5-Trimethylbenzene	16.01	105	849983	3.190	ppbv		95
74) 1,2,4-Trimethylbenzene	16.78	105	2018477	7.546	ppbv	#	67

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

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
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