Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111220\
Data File : VL035924.D
Acq On : 12 Nov 2020 22:00
Operator : SY/AP
Sample : L4721-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : LA-1DUP

Manual Integrations APPROVED
MMDadoda
11/16/2020 2:30:58 PM

Quant Time: Nov 24 04:45:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1189542	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	4129579	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	3775210	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2862982	10.67	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	53683	0.240	ppbv		95
3) Chlorodifluoromethane	2.98	51	76510m	0.537	ppbv		
4) Chloromethane	3.13	50	39304	0.568	ppbv		98
9) Propene	3.01	41	73169	1.403	ppbv	#	82
10) Heptane	8.11	43	18518m	0.129	ppbv		
11) Trichlorofluoromethane	3.94	101	69562	0.247	ppbv		99
13) Ethanol	3.64	45	17701828	1564.976	ppbv		97
15) Acetone	3.84	43	1736409	13.654	ppbv		94
17) tert-Butyl alcohol	4.34	59	137440m	0.815	ppbv		
19) Isopropyl Alcohol	4.01	45	6825970	87.343	ppbv	#	97
20) Methylene Chloride	4.34	84	1032141	11.529	ppbv		99
26) Hexane	5.68	57	806162	5.835	ppbv	#	48
29) Chloroform	5.74	83	43165	0.159	ppbv		91
30) Cyclohexane	7.16	84	43442m	0.289	ppbv		
34) 2-Butanone	5.24	43	81783	0.610	ppbv		99
35) Carbon Tetrachloride	7.01	117	14265	0.065	ppbv		90
36) Benzene	6.88	78	111207	0.362	ppbv		93
38) Trichloroethene	7.83	130	6920m	0.046	ppbv		
44) 2,2,4-Trimethylpentane	7.86	57	106541	0.262	ppbv	#	77
50) 4-Methyl-2-Pentanone	8.75	43	52909	0.258	ppbv		93
51) 2-Hexanone	10.14	43	32742m	0.199	ppbv		
52) Tetrachloroethene	11.21	164	6360m	0.044	ppbv		
53) Toluene	9.80	91	1848577	4.990	ppbv		98
59) m/p-Xylene	12.96	91	142256m	0.366	ppbv		
60) o-Xylene	13.69	91	63638m	0.168	ppbv		
74) 1,2,4-Trimethylbenzene	16.76	105	79931m	0.178	ppbv		

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

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