Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081820\
Data File : VL035464.D
Acq On : 19 Aug 2020 11:05
Operator : SY/AP
Sample : L3730-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-1

Manual Integrations APPROVED
MMDadoda
8/20/2020 11:07:51 AM

Quant Time: Aug 20 03:22:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Aug 1
QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1061012	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	4949953	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.11	117	4956267	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.44	95	3581099	10.32	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	56330	0.286	ppbv		95
3) Chlorodifluoromethane	2.99	51	133126m	1.001	ppbv		
4) Chloromethane	3.14	50	35930	0.518	ppbv	#	86
9) Propene	3.02	41	44396	0.830	ppbv	#	73
10) Heptane	8.14	43	18743	0.134	ppbv	#	78
11) Trichlorofluoromethane	3.95	101	73885	0.239	ppbv		99
13) Ethanol	3.61	45	3160095	161.304	ppbv		98
15) Acetone	3.85	43	1105890	9.056	ppbv	#	79
17) tert-Butyl alcohol	4.32	59	27861	0.177	ppbv		99
19) Isopropyl Alcohol	3.98	45	4411005	52.405	ppbv	#	99
20) Methylene Chloride	4.35	84	749902	7.611	ppbv	#	64
26) Hexane	5.69	57	573244	4.275	ppbv	#	30
29) Chloroform	5.76	83	32113	0.119	ppbv		91
30) Cyclohexane	7.14	84	50000	0.336	ppbv	#	59
34) 2-Butanone	5.25	43	122399	0.740	ppbv	#	70
35) Carbon Tetrachloride	7.02	117	17582m	0.067	ppbv		
36) Benzene	6.90	78	55675	0.153	ppbv	#	90
41) Tetrahydrofuran	6.07	42	12305m	0.135	ppbv		
44) 2,2,4-Trimethylpentane	7.88	57	129020	0.272	ppbv		92
50) 4-Methyl-2-Pentanone	8.76	43	169545	0.715	ppbv	#	83
52) Tetrachloroethene	11.24	164	14403	0.065	ppbv	#	82
53) Toluene	9.83	91	462115	0.988	ppbv		98
58) Ethyl Benzene	12.73	91	60815	0.102	ppbv		93
59) m/p-Xylene	12.99	91	155132m	0.307	ppbv		
60) o-Xylene	13.71	91	58563	0.119	ppbv		90
61) Styrene	13.55	104	86879	0.219	ppbv	#	88
74) 1,2,4-Trimethylbenzene	16.79	105	127450	0.195	ppbv	#	70
76) 1,4-Dichlorobenzene	17.17	146	56018	0.113	ppbv		97
79) Naphthalene	22.24	128	144587	0.157	ppbv		95

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

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