Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081820\
Data File : VL035467.D
Acq On : 19 Aug 2020 13:09
Operator : SY/AP
Sample : L3730-03DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-3DUP

Manual Integrations APPROVED
MMDadoda
8/20/2020 11:07:58 AM

Quant Time: Aug 20 03:54:08 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	1051700	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	4794586	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.10	117	4795359	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.44	95	3467885	10.33	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	56937	0.292	ppbv		98
3) Chlorodifluoromethane	2.99	51	268462m	2.036	ppbv		
4) Chloromethane	3.14	50	39406	0.574	ppbv		91
9) Propene	3.02	41	37805	0.713	ppbv	#	77
10) Heptane	8.13	43	15957	0.115	ppbv	#	82
11) Trichlorofluoromethane	3.95	101	150571	0.492	ppbv		100
13) Ethanol	3.61	45	771728	39.741	ppbv		99
15) Acetone	3.85	43	1347242	11.130	ppbv	#	82
17) tert-Butyl alcohol	4.31	59	21386	0.137	ppbv		99
19) Isopropyl Alcohol	3.97	45	1091324	13.080	ppbv	#	97
20) Methylene Chloride	4.35	84	252806	2.588	ppbv	#	64
26) Hexane	5.69	57	183986	1.384	ppbv	#	35
29) Chloroform	5.76	83	36274m	0.136	ppbv		
30) Cyclohexane	7.14	84	43143	0.293	ppbv	#	55
34) 2-Butanone	5.26	43	72799	0.454	ppbv	#	70
35) Carbon Tetrachloride	7.03	117	17154	0.067	ppbv		92
36) Benzene	6.90	78	54218m	0.154	ppbv		
37) 1,2-Dichloroethane	6.32	62	33295	0.207	ppbv	#	89
44) 2,2,4-Trimethylpentane	7.88	57	123564	0.269	ppbv		92
50) 4-Methyl-2-Pentanone	8.77	43	168744	0.734	ppbv	#	85
52) Tetrachloroethene	11.25	164	12353m	0.058	ppbv		
53) Toluene	9.82	91	393971	0.869	ppbv		99
59) m/p-Xylene	12.99	91	107324	0.219	ppbv	#	80
60) o-Xylene	13.72	91	48254m	0.101	ppbv		
61) Styrene	13.55	104	48839	0.127	ppbv	#	89
62) Isopropylbenzene	14.69	105	95494m	0.123	ppbv		
74) 1,2,4-Trimethylbenzene	16.79	105	71383	0.113	ppbv	#	69

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

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