Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120919\
Data File : VL034480.D
Acq On : 10 Dec 2019 1:27
Operator : SY/AP
Sample : K6181-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
1A-1

Manual Integrations APPROVED
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12/11/2019 2:13:00 PM

Quant Time: Dec 11 11:44:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 1
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	844195	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.20	114	1692930	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.14	117	1744553	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.47	95	1521618	10.37	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	78780m	0.516	ppbv		
3) Chlorodifluoromethane	2.96	51	47174m	0.448	ppbv		
4) Chloromethane	3.11	50	25522	0.411	ppbv	#	85
9) Propene	2.98	41	177129	3.788	ppbv		95
10) Heptane	8.15	43	195702	1.622	ppbv		100
11) Trichlorofluoromethane	3.94	101	37147	0.244	ppbv		94
13) Ethanol	3.60	45	247054	18.966	ppbv		96
15) Acetone	3.83	43	515386	4.263	ppbv		100
19) Isopropyl Alcohol	3.97	45	232267	2.998	ppbv	#	95
20) Methylene Chloride	4.34	84	55216	1.288	ppbv		98
26) Hexane	5.69	57	163748	1.767	ppbv	#	39
30) Cyclohexane	7.15	84	41722m	0.595	ppbv		
34) 2-Butanone	5.25	43	106026	0.761	ppbv		97
35) Carbon Tetrachloride	7.04	117	9516	0.065	ppbv	#	81
36) Benzene	6.91	78	311798	1.842	ppbv	#	91
38) Trichloroethene	7.86	130	31266	0.450	ppbv		97
41) Tetrahydrofuran	6.08	42	22244	0.285	ppbv		96
44) 2,2,4-Trimethylpentane	7.90	57	257162	0.831	ppbv	#	59
52) Tetrachloroethene	11.27	164	9547m	0.130	ppbv		
53) Toluene	9.84	91	930925	4.843	ppbv		98
58) Ethyl Benzene	12.76	91	386878	1.429	ppbv		90
59) m/p-Xylene	13.02	91	986952	4.217	ppbv		99
60) o-Xylene	13.74	91	350970	1.517	ppbv		96
62) Isopropylbenzene	14.72	105	44146m	0.144	ppbv		
72) 4-Ethyltoluene	15.90	105	160697	0.601	ppbv	#	96
73) 1,3,5-Trimethylbenzene	16.06	105	175413m	0.670	ppbv		
74) 1,2,4-Trimethylbenzene	16.82	105	638731	2.298	ppbv	#	65
79) Naphthalene	22.28	128	48712m	0.202	ppbv		

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

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