Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
Data File : VL034266.D
Acq On : 9 Oct 2019 2:31
Operator : SY/AP
Sample : K5243-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA2

Manual Integrations APPROVED
MMDadoda
10/11/2019 5:08:02 PM

Quant Time: Oct 10 21:06:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 1
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.69	49	996406	10.00	ppbv		-0.01
33) 1,4-Difluorobenzene	7.21	114	1686502	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.16	117	1662397	10.00	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.49	95	1526356	10.57	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	478203	3.249	ppbv		97
3) Chlorodifluoromethane	2.96	51	65901m	0.564	ppbv		
4) Chloromethane	3.12	50	39866	0.581	ppbv	#	85
9) Propene	3.00	41	296531m	5.144	ppbv		
11) Trichlorofluoromethane	3.95	101	162265	1.211	ppbv		100
13) Ethanol	3.61	45	5082066	364.108	ppbv		99
15) Acetone	3.84	43	4769613	35.715	ppbv		91
17) tert-Butyl alcohol	4.32	59	21106m	0.249	ppbv		
19) Isopropyl Alcohol	3.99	45	4471540	54.450	ppbv		99
20) Methylene Chloride	4.35	84	78394	2.036	ppbv	#	92
25) Ethyl Acetate	5.70	43	181659	0.719	ppbv	#	91
29) Chloroform	5.78	83	136359	0.908	ppbv		93
30) Cyclohexane	7.17	84	221768	2.924	ppbv		90
34) 2-Butanone	5.26	43	169353	0.983	ppbv		98
35) Carbon Tetrachloride	7.05	117	8502m	0.061	ppbv		
36) Benzene	6.93	78	36547m	0.196	ppbv		
37) 1,2-Dichloroethane	6.33	62	16101	0.122	ppbv	#	93
38) Trichloroethene	7.89	130	10207m	0.153	ppbv		
52) Tetrachloroethene	11.29	164	17000m	0.276	ppbv		
53) Toluene	9.86	91	242592	1.192	ppbv		98
58) Ethyl Benzene	12.77	91	67125m	0.250	ppbv		
59) m/p-Xylene	13.04	91	144327	0.650	ppbv		95
60) o-Xylene	13.76	91	59198	0.266	ppbv		97
61) Styrene	13.60	104	23548m	0.148	ppbv		
72) 4-Ethyltoluene	15.91	105	39709	0.158	ppbv	#	94
74) 1,2,4-Trimethylbenzene	16.83	105	178314	0.693	ppbv	#	66
76) 1,4-Dichlorobenzene	17.22	146	27467m	0.194	ppbv		

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

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