Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032019\
Data File : VL033402.D
Acq On : 20 Mar 2019 23:04
Operator : SY/AP
Sample : K1976-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA1

Manual Integrations APPROVED
MMDadoda
3/25/2019 8:27:11 AM

Quant Time: Mar 24 16:17:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 1
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	846962	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	2140145	10.00	ppbv		-0.01
55) Chlorobenzene-d5	12.24	117	2039832	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	1489622	9.86	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	71689	0.481	ppbv		99
3) Chlorodifluoromethane	3.01	51	122637m	1.262	ppbv		
4) Chloromethane	3.17	50	32185	0.611	ppbv	#	86
9) Propene	3.04	41	66299m	1.528	ppbv		
10) Heptane	8.25	43	38273	0.356	ppbv		98
11) Trichlorofluoromethane	4.00	101	36547	0.246	ppbv		91
13) Ethanol	3.64	45	332039	16.050	ppbv		98
15) Acetone	3.90	43	647618	4.919	ppbv		97
19) Isopropyl Alcohol	4.03	45	189127	3.020	ppbv	#	96
20) Methylene Chloride	4.41	84	33157	0.772	ppbv		93
26) Hexane	5.78	57	53469	0.625	ppbv	#	81
30) Cyclohexane	7.24	84	22709m	0.331	ppbv		
34) 2-Butanone	5.33	43	52487	0.373	ppbv		96
35) Carbon Tetrachloride	7.13	117	9825m	0.065	ppbv		
36) Benzene	7.00	78	79077m	0.413	ppbv		
38) Trichloroethene	7.96	130	6029m	0.083	ppbv		
44) 2,2,4-Trimethylpentane	7.98	57	68033m	0.214	ppbv		
52) Tetrachloroethene	11.37	164	3091275	38.741	ppbv		99
53) Toluene	9.94	91	493006	2.265	ppbv		99
58) Ethyl Benzene	12.86	91	79237	0.275	ppbv		97
59) m/p-Xylene	13.12	91	198328m	0.800	ppbv		
60) o-Xylene	13.84	91	71950m	0.297	ppbv		
61) Styrene	13.68	104	16559	0.098	ppbv		96
72) 4-Ethyltoluene	16.00	105	40741	0.148	ppbv	#	92
73) 1,3,5-Trimethylbenzene	16.15	105	42581	0.159	ppbv		92
74) 1,2,4-Trimethylbenzene	16.92	105	132151	0.466	ppbv	#	70
79) Naphthalene	22.42	128	27772m	0.102	ppbv		

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

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