Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL123019\
Data File : VL034539.D
Acq On : 31 Dec 2019 9:03
Operator : SY/AP
Sample : K6470-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
44-2

Manual Integrations APPROVED
apatel
1/2/2020 10:50:33 AM

Quant Time: Jan 01 13:07:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL123019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 3
QLast Update : Mon Dec 30 14:58:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	950972	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.20	114	1899916	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.13	117	1849409	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.47	95	1564628	10.14	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	93666	0.625	ppbv		93
3) Chlorodifluoromethane	2.96	51	583132	5.147	ppbv		95
4) Chloromethane	3.11	50	32911	0.489	ppbv		96
9) Propene	2.99	41	148322m	3.395	ppbv		
10) Heptane	8.15	43	21361m	0.189	ppbv		
11) Trichlorofluoromethane	3.94	101	42040	0.242	ppbv	#	78
13) Ethanol	3.59	45	957572m	79.003	ppbv		
15) Acetone	3.83	43	1631452	11.755	ppbv		100
19) Isopropyl Alcohol	3.97	45	711179	7.916	ppbv	#	98
20) Methylene Chloride	4.34	84	54513	0.998	ppbv		95
25) Ethyl Acetate	5.69	43	90834	0.419	ppbv		97
26) Hexane	5.70	57	53678	0.588	ppbv	#	73
30) Cyclohexane	7.16	84	15743m	0.232	ppbv		
32) 1,1,1-Trichloroethane	6.54	97	5089m	0.031	ppbv		
34) 2-Butanone	5.25	43	521283	3.839	ppbv		99
35) Carbon Tetrachloride	7.04	117	10730m	0.062	ppbv		
36) Benzene	6.91	78	73979	0.447	ppbv		94
41) Tetrahydrofuran	6.07	42	64385m	0.924	ppbv		
44) 2,2,4-Trimethylpentane	7.90	57	58043m	0.189	ppbv		
50) 4-Methyl-2-Pentanone	8.78	43	65885m	0.334	ppbv		
52) Tetrachloroethene	11.28	164	26886m	0.416	ppbv		
53) Toluene	9.84	91	493689	2.713	ppbv		99
58) Ethyl Benzene	12.75	91	120210m	0.482	ppbv		
59) m/p-Xylene	13.01	91	376760m	1.727	ppbv		
60) o-Xylene	13.74	91	105655	0.483	ppbv		97
64) n-propylbenzene	15.61	120	10408m	0.142	ppbv		
65) tert-Butylbenzene	16.83	119	25890m	0.100	ppbv		
72) 4-Ethyltoluene	15.89	105	78637m	0.321	ppbv		
73) 1,3,5-Trimethylbenzene	16.06	105	71419	0.297	ppbv		99
74) 1,2,4-Trimethylbenzene	16.82	105	230293m	0.896	ppbv		

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

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