Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100719\
Data File : VL034229.D
Acq On : 7 Oct 2019 19:38
Operator : SY/AP
Sample : K5225-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA3

Manual Integrations APPROVED
MMDadoda
10/11/2019 5:05:02 PM

Quant Time: Oct 10 20:31:52 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	1161342	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.22	114	1880646	10.00	ppbv		-0.01
55) Chlorobenzene-d5	12.16	117	1958899	10.00	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.49	95	1781915	10.47	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	104629	0.610	ppbv		89
3) Chlorodifluoromethane	2.97	51	1772741	13.019	ppbv		99
4) Chloromethane	3.12	50	34873	0.436	ppbv		89
7) Chloroethane	3.55	64	15399m	0.602	ppbv		
9) Propene	3.00	41	84524	1.258	ppbv	#	78
10) Heptane	8.16	43	60427m	0.345	ppbv		
11) Trichlorofluoromethane	3.95	101	40882	0.262	ppbv	#	80
12) 1,1,2-Trichlorotrifluoroet	4.49	101	8249m	0.081	ppbv		
13) Ethanol	3.60	45	1732831	106.518	ppbv		98
15) Acetone	3.84	43	1378071	8.854	ppbv		98
19) Isopropyl Alcohol	3.97	45	800376	8.362	ppbv	#	98
20) Methylene Chloride	4.35	84	37146m	0.828	ppbv		
29) Chloroform	5.77	83	49437m	0.283	ppbv		
34) 2-Butanone	5.26	43	94002	0.490	ppbv		98
35) Carbon Tetrachloride	7.06	117	12722m	0.081	ppbv		
36) Benzene	6.92	78	44953	0.216	ppbv		95
43) Methyl Methacrylate	8.06	69	154599	1.802	ppbv		100
52) Tetrachloroethene	11.29	164	3462m	0.050	ppbv		
53) Toluene	9.86	91	148472	0.654	ppbv		99
58) Ethyl Benzene	12.77	91	38289m	0.121	ppbv		
59) m/p-Xylene	13.04	91	130250m	0.498	ppbv		
60) o-Xylene	13.77	91	35122m	0.134	ppbv		
69) p-Isopropyltoluene	17.73	119	47942m	0.140	ppbv		
74) 1,2,4-Trimethylbenzene	16.84	105	59090m	0.195	ppbv		
76) 1,4-Dichlorobenzene	17.27	146	19250254	115.478	ppbv		74
79) Naphthalene	22.30	128	113835m	0.426	ppbv		

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

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