Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070218\
Data File : VL032180.D
Acq On : 2 Jul 2018 13:49
Operator : SY/AP
Sample : J3601-10
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-D-CRAWL-SPACE

Manual Integrations APPROVED
MMDadoda
7/3/2018 5:17:07 PM

Quant Time: Jul 03 15:11:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 2
QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.85	49	1453977	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.38	114	3773850	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.34	117	3414798	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.68	95	2644735	10.13	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.13	85	43432	0.23	ppbv		92
3) Chlorodifluoromethane	3.06	51	62589m	0.35	ppbv		
4) Chloromethane	3.23	50	52938	0.56	ppbv		99
9) Propene	3.10	41	47991m	0.58	ppbv		
10) Heptane	8.34	43	145872	0.60	ppbv		93
11) Trichlorofluoromethane	4.07	101	54583	0.26	ppbv		89
13) Ethanol	3.72	45	381051	15.18	ppbv		99
15) Acetone	3.97	43	1642815	9.66	ppbv		90
19) Isopropyl Alcohol	4.10	45	227327m	1.61	ppbv		
20) Methylene Chloride	4.48	84	130621	2.10	ppbv		98
26) Hexane	5.86	57	276661	1.71	ppbv		86
27) Carbon Disulfide	4.70	76	21868	0.14	ppbv	#	39
30) Cyclohexane	7.34	84	74840	0.49	ppbv		95
34) 2-Butanone	5.41	43	321938	1.34	ppbv		98
35) Carbon Tetrachloride	7.22	117	18086m	0.07	ppbv		
36) Benzene	7.10	78	54583	0.15	ppbv	#	91
44) 2,2,4-Trimethylpentane	8.08	57	82396m	0.13	ppbv		
50) 4-Methyl-2-Pentanone	8.97	43	512515	1.31	ppbv		100
52) Tetrachloroethene	11.47	164	18068m	0.14	ppbv		
53) Toluene	10.04	91	2667415	6.04	ppbv		98
58) Ethyl Benzene	12.96	91	361509	0.66	ppbv		99
59) m/p-Xylene	13.22	91	786985	1.78	ppbv		97
60) o-Xylene	13.95	91	368186	0.84	ppbv		95
61) Styrene	13.78	104	109156m	0.30	ppbv		
72) 4-Ethyltoluene	16.10	105	81127	0.14	ppbv	#	94
73) 1,3,5-Trimethylbenzene	16.26	105	88111m	0.16	ppbv		
74) 1,2,4-Trimethylbenzene	17.02	105	296502	0.55	ppbv	#	74

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

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