Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080620\
Data File : VL035355.D
Acq On : 6 Aug 2020 18:31
Operator : SY/AP
Sample : L3554-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 1-UNDER-GROUND

Manual Integrations APPROVED
MMDadoda
8/10/2020 10:43:22 AM

Quant Time: Aug 09 21:21:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 0
QLast Update : Wed Aug 05 13:04:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1440149	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3606967	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	3380857	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2841564	10.08	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.00	85	54864	0.286	ppbv #	87
3) Chlorodifluoromethane	2.94	51	334333m	2.034	ppbv	
4) Chloromethane	3.09	50	52312	0.562	ppbv	96
9) Propene	2.97	41	281951	4.813	ppbv #	67
10) Heptane	8.12	43	331124	2.213	ppbv	100
11) Trichlorofluoromethane	3.91	101	52455	0.211	ppbv	94
13) Ethanol	3.58	45	9458366	468.140	ppbv	97
15) Acetone	3.80	43	3721881	18.199	ppbv	98
19) Isopropyl Alcohol	3.95	45	10297388m	79.433	ppbv	
20) Methylene Chloride	4.31	84	219418	2.631	ppbv	95
26) Hexane	5.66	57	247472	1.836	ppbv #	36
30) Cyclohexane	7.12	84	41999m	0.411	ppbv	
34) 2-Butanone	5.22	43	190743	1.074	ppbv	98
35) Carbon Tetrachloride	7.01	117	14893	0.060	ppbv #	43
36) Benzene	6.88	78	126173	0.518	ppbv	93
44) 2,2,4-Trimethylpentane	7.86	57	314021	0.726	ppbv #	79
50) 4-Methyl-2-Pentanone	8.76	43	44534m	0.164	ppbv	
52) Tetrachloroethene	11.24	164	13227m	0.137	ppbv	
53) Toluene	9.81	91	5156086	19.460	ppbv	98
58) Ethyl Benzene	12.73	91	204353	0.581	ppbv #	82
59) m/p-Xylene	12.99	91	699136	2.134	ppbv	96
60) o-Xylene	13.71	91	286777m	0.882	ppbv	
61) Styrene	13.55	104	264935	1.335	ppbv	99
72) 4-Ethyltoluene	15.86	105	92326	0.249	ppbv #	91
73) 1,3,5-Trimethylbenzene	16.02	105	114338	0.322	ppbv	98
74) 1,2,4-Trimethylbenzene	16.79	105	337408	0.830	ppbv #	75

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

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