Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070218\
Data File : VL032186.D
Acq On : 2 Jul 2018 17:51
Operator : SY/AP
Sample : J3599-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : B-1-EFFLUENT

Manual Integrations APPROVED
MMDadoda
7/3/2018 5:17:12 PM

Quant Time: Jul 03 15:18:35 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	5.84	49	1364591	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.38	114	4009090	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.34	117	3585455	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.68	95	2891063	10.55	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.13	85	49921	0.28	ppbv		93
3) Chlorodifluoromethane	3.07	51	1391871	8.35	ppbv		94
4) Chloromethane	3.23	50	21624	0.24	ppbv		95
11) Trichlorofluoromethane	4.08	101	67333	0.35	ppbv		89
13) Ethanol	3.73	45	274818	11.67	ppbv		99
15) Acetone	3.97	43	915072	5.73	ppbv		99
19) Isopropyl Alcohol	4.12	45	67065m	0.51	ppbv		
20) Methylene Chloride	4.48	84	1424087	24.42	ppbv		94
26) Hexane	5.86	57	2273720	14.96	ppbv	#	44
29) Chloroform	5.93	83	288423	1.30	ppbv		94
30) Cyclohexane	7.34	84	20943m	0.15	ppbv		
32) 1,1,1-Trichloroethane	6.71	97	9986m	0.04	ppbv		
34) 2-Butanone	5.41	43	125002	0.49	ppbv		99
35) Carbon Tetrachloride	7.22	117	13227	0.05	ppbv	#	95
36) Benzene	7.10	78	68942m	0.18	ppbv		
44) 2,2,4-Trimethylpentane	8.09	57	129387	0.19	ppbv	#	90
52) Tetrachloroethene	11.47	164	16680m	0.12	ppbv		
53) Toluene	10.05	91	187679	0.40	ppbv		98
58) Ethyl Benzene	12.96	91	159996	0.28	ppbv		94
59) m/p-Xylene	13.22	91	2217267	4.79	ppbv		96
60) o-Xylene	13.95	91	3315216	7.18	ppbv		96
62) Isopropylbenzene	14.93	105	210561	0.30	ppbv		100
65) tert-Butylbenzene	17.03	119	655419	1.05	ppbv	#	59
67) sec-Butylbenzene	17.56	105	187353	0.21	ppbv		100
69) p-Isopropyltoluene	17.92	119	189152	0.26	ppbv	#	71
72) 4-Ethyltoluene	16.10	105	3084236	5.17	ppbv		98
73) 1,3,5-Trimethylbenzene	16.26	105	7034199m	12.52	ppbv		
74) 1,2,4-Trimethylbenzene	17.03	105	6006512	10.59	ppbv	#	77
79) Naphthalene	22.53	128	146581m	0.28	ppbv		
80) Naphthalene,2-methyl-	25.19	142	68302	0.37	ppbv	#	80

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

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