Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032519\
Data File : VL033449.D
Acq On : 25 Mar 2019 23:26
Operator : SY/AP
Sample : K1991-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Manual Integrations APPROVED
MMDadoda
4/1/2019 1:56:42 AM

Quant Time: Mar 31 10:45:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 2
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	595072	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1371568	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1447256	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1164988	10.27	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.07	85	31796m	0.366	ppbv	
4) Chloromethane	3.17	50	23323	0.643	ppbv	89
9) Propene	3.05	41	41058m	1.427	ppbv	
10) Heptane	8.25	43	13545m	0.176	ppbv	
11) Trichlorofluoromethane	4.00	101	31877	0.298	ppbv	93
12) 1,1,2-Trichlorotrifluoroet	4.56	101	6449m	0.090	ppbv	
13) Ethanol	3.65	45	675778	90.770	ppbv	65
15) Acetone	3.90	43	913707m	12.770	ppbv	
17) tert-Butyl alcohol	4.38	59	16334	1.242	ppbv #	73
19) Isopropyl Alcohol	4.03	45	221637	4.897	ppbv #	1
20) Methylene Chloride	4.41	84	198636	6.540	ppbv	96
25) Ethyl Acetate	5.77	43	472658	3.560	ppbv	98
26) Hexane	5.78	57	259143	4.390	ppbv	82
27) Carbon Disulfide	4.62	76	103736	1.478	ppbv #	93
30) Cyclohexane	7.25	84	15621m	0.335	ppbv	
34) 2-Butanone	5.33	43	108848	1.321	ppbv	99
35) Carbon Tetrachloride	7.13	117	9088m	0.094	ppbv	
36) Benzene	7.00	78	29577m	0.257	ppbv	
37) 1,2-Dichloroethane	6.41	62	17351	0.225	ppbv	100
41) Tetrahydrofuran	6.16	42	13193m	0.291	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	15608	0.078	ppbv #	54
52) Tetrachloroethene	11.37	164	3484m	0.080	ppbv	
53) Toluene	9.94	91	1934695	14.467	ppbv	100
58) Ethyl Benzene	12.86	91	42144m	0.218	ppbv	
59) m/p-Xylene	13.12	91	98987m	0.573	ppbv	
60) o-Xylene	13.85	91	40598	0.243	ppbv	96
61) Styrene	13.69	104	30623m	0.267	ppbv	
79) Naphthalene	22.42	128	24696m	0.150	ppbv	

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

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