Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL011321\
Data File : VL036230.D
Acq On : 13 Jan 2021 18:11
Operator : SY/AP
Sample : M1066-04
Misc : 400ml/MSVOA_L
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
0121-SS4

Manual Integrations APPROVED
MMDadoda
1/18/2021 3:49:40 PM

Quant Time: Jan 15 07:54:24 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 1
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1563869	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3387855	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2960186	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2412155	9.84	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	25130m	0.120	ppbv	
4) Chloromethane	3.14	50	36631	0.386	ppbv #	79
7) Chloroethane	3.56	64	8461m	0.274	ppbv	
9) Propene	3.01	41	1802440	19.707	ppbv	88
10) Heptane	8.13	43	75526	0.333	ppbv #	86
11) Trichlorofluoromethane	3.95	101	41673	0.196	ppbv	99
13) Ethanol	3.62	45	1327169	92.411	ppbv	85
15) Acetone	3.85	43	5159267	26.937	ppbv	99
17) tert-Butyl alcohol	4.32	59	445156	2.817	ppbv	98
20) Methylene Chloride	4.35	84	972739	15.913	ppbv	94
26) Hexane	5.69	57	1420558	8.873	ppbv #	37
27) Carbon Disulfide	4.56	76	213992	1.672	ppbv	95
29) Chloroform	5.76	83	633765	2.765	ppbv	99
30) Cyclohexane	7.13	84	38642	0.316	ppbv	84
34) 2-Butanone	5.25	43	437015	1.752	ppbv	95
35) Carbon Tetrachloride	7.03	117	10224m	0.048	ppbv	
36) Benzene	6.89	78	144856	0.467	ppbv #	90
38) Trichloroethene	7.84	130	66183m	0.576	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	75180m	0.132	ppbv	
52) Tetrachloroethene	11.23	164	49125m	0.429	ppbv	
53) Toluene	9.82	91	351816m	1.013	ppbv	
58) Ethyl Benzene	12.72	91	97767m	0.223	ppbv	
59) m/p-Xylene	12.97	91	275206m	0.729	ppbv	
60) o-Xylene	13.70	91	109720	0.302	ppbv	99
72) 4-Ethyltoluene	15.84	105	52861m	0.129	ppbv	
73) 1,3,5-Trimethylbenzene	16.01	105	45407	0.116	ppbv	98
74) 1,2,4-Trimethylbenzene	16.77	105	169470m	0.422	ppbv	

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

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