Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL011321\
Data File : VL036228.D
Acq On : 13 Jan 2021 16:46
Operator : SY/AP
Sample : M1066-02 1.2X
Misc : 400ml/MSVOA_L
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
0121-SS2

Manual Integrations APPROVED
MMDadoda
1/18/2021 3:49:34 PM

Quant Time: Jan 16 21:57:20 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	1485192	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	3092197	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	2870754	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2433874	10.24	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	29988	0.151	ppbv		90
4) Chloromethane	3.14	50	34465	0.382	ppbv	#	81
9) Propene	3.02	41	860501	9.907	ppbv	#	80
10) Heptane	8.12	43	121960	0.566	ppbv		91
11) Trichlorofluoromethane	3.95	101	33455m	0.165	ppbv		
13) Ethanol	3.62	45	9714596	712.264	ppbv		85
15) Acetone	3.84	43	7087227	38.963	ppbv		98
17) tert-Butyl alcohol	4.32	59	2565466	17.092	ppbv		99
19) Isopropyl Alcohol	3.99	45	460637	4.201	ppbv	#	1
20) Methylene Chloride	4.35	84	103069	1.775	ppbv		88
26) Hexane	5.69	57	444383	2.923	ppbv	#	43
27) Carbon Disulfide	4.55	76	33845	0.278	ppbv	#	38
29) Chloroform	5.75	83	25103m	0.115	ppbv		
30) Cyclohexane	7.13	84	37475m	0.323	ppbv		
34) 2-Butanone	5.24	43	861070	3.781	ppbv		99
35) Carbon Tetrachloride	7.02	117	26799m	0.137	ppbv		
36) Benzene	6.90	78	117812m	0.416	ppbv		
44) 2,2,4-Trimethylpentane	7.87	57	176081m	0.338	ppbv		
50) 4-Methyl-2-Pentanone	8.75	43	54979m	0.162	ppbv		
53) Toluene	9.81	91	771242	2.433	ppbv		100
58) Ethyl Benzene	12.72	91	233547	0.548	ppbv	#	85
59) m/p-Xylene	12.97	91	642142	1.754	ppbv		97
60) o-Xylene	13.70	91	230114	0.652	ppbv		97
61) Styrene	13.53	104	38000	0.171	ppbv	#	86
69) p-Isopropyltoluene	17.66	119	61929	0.118	ppbv	#	91
72) 4-Ethyltoluene	15.84	105	138491m	0.348	ppbv		
73) 1,3,5-Trimethylbenzene	16.01	105	110936m	0.292	ppbv		
74) 1,2,4-Trimethylbenzene	16.76	105	402805	1.035	ppbv	#	66
79) Naphthalene	22.21	128	37211m	0.164	ppbv		

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

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