Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022521\
Data File : VL036382.D
Acq On : 25 Feb 2021 15:39
Operator : SY/AP
Sample : M1463-13
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
NS-10

Manual Integrations APPROVED
MMDadoda
3/1/2021 10:02:33 AM

Quant Time: Feb 28 18:25:29 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 1
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1651331	10.00	ppbv		0.01
33) 1,4-Difluorobenzene	7.17	114	3662554	10.00	ppbv		0.01
55) Chlorobenzene-d5	12.08	117	3363176	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2678199	9.68	ppbv		0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	35547	0.144	ppbv		98
3) Chlorodifluoromethane	2.98	51	67880m	0.331	ppbv		
4) Chloromethane	3.13	50	136447	1.377	ppbv		92
10) Heptane	8.11	43	477333	2.117	ppbv		99
11) Trichlorofluoromethane	3.94	101	55703m	0.231	ppbv		
13) Ethanol	3.62	45	7316800	509.221	ppbv		89
15) Acetone	3.84	43	3337199m	16.533	ppbv		
17) tert-Butyl alcohol	4.31	59	93479m	0.597	ppbv		
19) Isopropyl Alcohol	3.98	45	6805368	60.853	ppbv	#	97
20) Methylene Chloride	4.34	84	116353	1.787	ppbv		92
26) Hexane	5.68	57	838242	5.235	ppbv	#	45
27) Carbon Disulfide	4.54	76	108690	0.739	ppbv	#	92
30) Cyclohexane	7.12	84	84229	0.633	ppbv		86
31) cis-1,2-Dichloroethene	5.54	61	16927m	0.107	ppbv		
34) 2-Butanone	5.24	43	211474	0.869	ppbv		98
35) Carbon Tetrachloride	7.00	117	20149m	0.082	ppbv		
36) Benzene	6.88	78	216610	0.696	ppbv	#	91
38) Trichloroethene	7.83	130	6146m	0.055	ppbv		
44) 2,2,4-Trimethylpentane	7.86	57	2476199	4.377	ppbv	#	90
52) Tetrachloroethene	11.22	164	16402m	0.144	ppbv		
53) Toluene	9.80	91	3584915	10.638	ppbv		98
58) Ethyl Benzene	12.70	91	936146	2.033	ppbv		97
59) m/p-Xylene	12.96	91	2487327	6.149	ppbv		96
60) o-Xylene	13.68	91	923157	2.387	ppbv		99
62) Isopropylbenzene	14.66	105	95005m	0.164	ppbv		
64) n-propylbenzene	15.55	120	74645m	0.523	ppbv		
70) n-Butylbenzene	18.54	91	88451m	0.149	ppbv		
72) 4-Ethyltoluene	15.83	105	278314	0.647	ppbv		96
73) 1,3,5-Trimethylbenzene	15.99	105	198076m	0.475	ppbv		
74) 1,2,4-Trimethylbenzene	16.75	105	875368	2.055	ppbv	#	73

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

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