Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022621\
Data File : VL036402.D
Acq On : 26 Feb 2021 14:52
Operator : SY/AP
Sample : M1502-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Manual Integrations APPROVED
MMDadoda
3/1/2021 10:52:49 AM

Quant Time: Feb 28 17:41:53 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	5.64	49	1572167	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.14	114	3433474	10.00	ppbv		-0.01
55) Chlorobenzene-d5	12.05	117	3113493	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.38	95	2644104m	10.32	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	40585	0.173	ppbv		94
9) Propene	2.99	41	2962954	40.683	ppbv		100
10) Heptane	8.09	43	92234m	0.430	ppbv		
11) Trichlorofluoromethane	3.92	101	426077	1.854	ppbv		92
13) Ethanol	3.58	45	366490m	26.791	ppbv		
15) Acetone	3.83	43	982253m	5.111	ppbv		
17) tert-Butyl alcohol	4.28	59	83204m	0.558	ppbv		
19) Isopropyl Alcohol	3.98	45	307167m	2.885	ppbv		
20) Methylene Chloride	4.32	84	6470781	104.366	ppbv		87
26) Hexane	5.65	57	1222298	8.018	ppbv	#	39
27) Carbon Disulfide	4.52	76	184337	1.316	ppbv	#	92
30) Cyclohexane	7.10	84	59560m	0.470	ppbv		
31) cis-1,2-Dichloroethene	5.52	61	20337m	0.135	ppbv		
32) 1,1,1-Trichloroethane	6.48	97	10218	0.045	ppbv	#	75
34) 2-Butanone	5.22	43	145535	0.638	ppbv		97
35) Carbon Tetrachloride	6.99	117	19207m	0.083	ppbv		
36) Benzene	6.86	78	144206m	0.494	ppbv		
38) Trichloroethene	7.81	130	38619m	0.370	ppbv		
44) 2,2,4-Trimethylpentane	7.83	57	3975713	7.496	ppbv		96
52) Tetrachloroethene	11.19	164	168870m	1.582	ppbv		
53) Toluene	9.77	91	1395671	4.418	ppbv		99
58) Ethyl Benzene	12.68	91	365321	0.857	ppbv		95
59) m/p-Xylene	12.93	91	1401857	3.743	ppbv		98
60) o-Xylene	13.66	91	528908	1.477	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.65	83	12069m	0.043	ppbv		
64) n-propylbenzene	15.53	120	20741m	0.157	ppbv		
65) tert-Butylbenzene	16.73	119	49819m	0.108	ppbv		
72) 4-Ethyltoluene	15.81	105	109245	0.274	ppbv	#	81
73) 1,3,5-Trimethylbenzene	15.97	105	82066	0.212	ppbv		86
74) 1,2,4-Trimethylbenzene	16.73	105	373618	0.947	ppbv	#	65

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

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