Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022322\
Data File : VL038423.D
Acq On : 24 Feb 2022 1:14
Operator : SY/AP
Sample : N1605-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 24 07:33:34 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA-4

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.645	49	759178	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	7.150	114	1808789	10.000	ppbv		0.00
55) Chlorobenzene-d5	12.053	117	1584737	10.000	ppbv	#	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.381	95	1267920	9.670	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.700%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.038	85	30121	0.250	ppbv		93
3) Chlorodifluoromethane	2.980	51	34544m	0.258	ppbv		
4) Chloromethane	3.131	50	23150	0.497	ppbv		94
9) Propene	3.012	41	32623	0.737	ppbv		84
10) Heptane	8.098	43	50594m	0.470	ppbv		
11) Trichlorofluoromethane	3.935	101	22863	0.199	ppbv		93
13) Ethanol	3.591	45	1381836	312.823	ppbv		89
15) Acetone	3.835	43	621926	9.633	ppbv	#	80
19) Isopropyl Alcohol	3.951	45	8027683	214.728	ppbv	#	96
20) Methylene Chloride	4.330	84	23102	0.722	ppbv	#	89
26) Hexane	5.664	57	485163	6.177	ppbv	#	47
30) Cyclohexane	7.111	84	19164m	0.298	ppbv		
34) 2-Butanone	5.224	43	79048	1.390	ppbv		92
35) Carbon Tetrachloride	6.989	117	8329m	0.065	ppbv		
36) Benzene	6.864	78	114067	0.716	ppbv		99
44) 2,2,4-Trimethylpentane	7.838	57	102432	0.374	ppbv	#	76
53) Toluene	9.777	91	882079	5.102	ppbv		99
58) Ethyl Benzene	12.677	91	61808	0.285	ppbv		92
59) m/p-Xylene	12.934	91	183452m	0.986	ppbv		
60) o-Xylene	13.654	91	68335	0.388	ppbv		98
72) 4-Ethyltoluene	15.802	105	40938m	0.211	ppbv		
73) 1,3,5-Trimethylbenzene	15.966	105	36277m	0.206	ppbv		
74) 1,2,4-Trimethylbenzene	16.725	105	126067	0.678	ppbv	#	73
79) Naphthalene	22.153	128	10235m	0.102	ppbv		

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

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