Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
Data File : VL039467.D
Acq On : 13 Jul 2022 4:05
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 13 05:59:52 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

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07/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.681	49	1261070	10.000	ppbv		0.03
33) 1,4-Difluorobenzene	7.189	114	3552275	10.000	ppbv		0.03
55) Chlorobenzene-d5	12.095	117	3156532	10.000	ppbv		0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.423	95	2452105	10.472	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.700%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.063	85	21516	0.118	ppbv		96
3) Chlorodifluoromethane	2.977	51	136232	0.851	ppbv	#	64
4) Chloromethane	3.150	50	16376	0.187	ppbv	#	87
9) Propene	3.031	41	27194m	0.376	ppbv		
10) Heptane	8.140	43	107748	0.637	ppbv		96
11) Trichlorofluoromethane	3.964	101	25344m	0.125	ppbv		
13) Ethanol	3.610	45	1860441	443.816	ppbv		74
15) Acetone	3.857	43	784151	5.256	ppbv		97
17) tert-Butyl alcohol	4.301	59	19892m	0.157	ppbv		
19) Isopropyl Alcohol	3.973	45	4745955	59.637	ppbv	#	92
20) Methylene Chloride	4.356	84	685581	11.529	ppbv		97
25) Ethyl Acetate	5.681	43	12322060	40.279	ppbv	#	88
29) Chloroform	5.767	83	58536	0.273	ppbv		98
30) Cyclohexane	7.147	84	50313	0.448	ppbv		92
34) 2-Butanone	5.256	43	83019m	0.464	ppbv		
36) Benzene	6.902	78	166298	0.605	ppbv		96
44) 2,2,4-Trimethylpentane	7.883	57	49430m	0.106	ppbv		
52) Tetrachloroethene	11.237	164	104951	0.948	ppbv		91
53) Toluene	9.819	91	653751	2.062	ppbv		98
58) Ethyl Benzene	12.722	91	404469	0.992	ppbv		95
59) m/p-Xylene	12.976	91	1906153	5.305	ppbv		94
60) o-Xylene	13.700	91	978001m	2.874	ppbv		
65) tert-Butylbenzene	16.770	119	85704	0.179	ppbv	#	72
72) 4-Ethyltoluene	15.847	105	178979	0.447	ppbv		96
73) 1,3,5-Trimethylbenzene	16.005	105	247049	0.672	ppbv		94
74) 1,2,4-Trimethylbenzene	16.767	105	752859	1.852	ppbv	#	69

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

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