Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
Data File : VL039722.D
Acq On : 17 Oct 2022 16:48
Operator : SY/AP
Sample : N5169-03DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 18 05:27:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Oct 18 05:23:57 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.230	49	1017320	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.687	114	2621089	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.497	117	2213483	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.809	95	1672812	10.124	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.768	85	20158m	0.171	ppbv		
3) Chlorodifluoromethane	2.716	51	44678m	0.370	ppbv		
4) Chloromethane	2.858	50	34464m	0.473	ppbv		
9) Propene	2.742	41	140221m	2.543	ppbv		
10) Heptane	7.619	43	81458m	0.633	ppbv		
11) Trichlorofluoromethane	3.603	101	29795	0.204	ppbv	#	80
13) Ethanol	3.276	45	230000m	54.747	ppbv		
15) Acetone	3.507	43	674438m	5.958	ppbv		
19) Isopropyl Alcohol	3.623	45	210006	3.639	ppbv	#	1
20) Methylene Chloride	3.976	84	140093	2.677	ppbv		98
26) Hexane	5.250	57	221316	2.113	ppbv	#	54
29) Chloroform	5.314	83	24544m	0.162	ppbv		
30) Cyclohexane	6.642	84	15137m	0.187	ppbv		
34) 2-Butanone	4.835	43	70664m	0.549	ppbv		
35) Carbon Tetrachloride	6.536	117	8445m	0.061	ppbv		
36) Benzene	6.404	78	150465	0.751	ppbv		97
44) 2,2,4-Trimethylpentane	7.365	57	113967m	0.330	ppbv		
52) Tetrachloroethene	10.648	164	2054074	26.868	ppbv		96
53) Toluene	9.256	91	840887	3.773	ppbv		100
58) Ethyl Benzene	12.121	91	288571	1.131	ppbv		98
59) m/p-Xylene	12.375	91	1063700	4.683	ppbv		96
60) o-Xylene	13.092	91	272523	1.256	ppbv		98
72) 4-Ethyltoluene	15.220	105	33704m	0.136	ppbv		
73) 1,3,5-Trimethylbenzene	15.384	105	25379m	0.112	ppbv		
74) 1,2,4-Trimethylbenzene	16.134	105	92285m	0.363	ppbv		

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

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