Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
Data File : VL039094.D
Acq On : 23 May 2022 21:44
Operator : SY/AP
Sample : N2957-07
Misc : 400mL/MSVOA_L
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
AP-2

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

Quant Time: May 24 06:03:30 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May (
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.652	49	1022185	10.000	ppbv		-0.01
33) 1,4-Difluorobenzene	7.156	114	2257367	10.000	ppbv		-0.02
55) Chlorobenzene-d5	12.060	117	1906570	10.000	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.391	95	1604760	10.628	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.300%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.044	85	41776	0.261	ppbv		91
3) Chlorodifluoromethane	2.986	51	69286m	0.546	ppbv		
4) Chloromethane	3.134	50	35647	0.561	ppbv		95
9) Propene	3.018	41	45029	0.813	ppbv	#	79
10) Heptane	8.102	43	26034m	0.192	ppbv		
11) Trichlorofluoromethane	3.938	101	34002	0.247	ppbv		96
13) Ethanol	3.594	45	7311968	1865.314	ppbv		89
15) Acetone	3.838	43	785490	8.146	ppbv		92
17) tert-Butyl alcohol	4.285	59	20890m	0.282	ppbv		
19) Isopropyl Alcohol	3.960	45	336638	7.343	ppbv	#	97
20) Methylene Chloride	4.333	84	1003961	27.626	ppbv		97
26) Hexane	5.668	57	747692	7.292	ppbv	#	42
29) Chloroform	5.735	83	374039	2.255	ppbv		92
34) 2-Butanone	5.230	43	79591	0.691	ppbv		92
35) Carbon Tetrachloride	6.989	117	10609m	0.071	ppbv		
36) Benzene	6.867	78	26803m	0.139	ppbv		
52) Tetrachloroethene	11.201	164	2324m	0.034	ppbv		
53) Toluene	9.777	91	68141m	0.315	ppbv		
58) Ethyl Benzene	12.680	91	31399m	0.114	ppbv		
59) m/p-Xylene	12.950	91	75749m	0.323	ppbv		
60) o-Xylene	13.664	91	29746m	0.135	ppbv		
61) Styrene	13.491	104	14184m	0.121	ppbv		
74) 1,2,4-Trimethylbenzene	16.735	105	47823m	0.193	ppbv		

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

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