Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
Data File : VL041137.D
Acq On : 4 Apr 2024 22:53
Operator : SY/MD
Sample : P1953-04 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 05 05:14:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Fri Apr 05 04:49:46 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV4

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.211	49	1436651	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.677	114	3929266	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.490	117	3604914	10.000	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.802	95	2781925	9.597	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.000%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.735	85	27759	0.113	ppbv		93
9) Propene	2.703	41	50756	0.721	ppbv		91
13) Ethanol	3.256	45	176532	10.544	ppbv		97
15) Acetone	3.478	43	1115422	7.170	ppbv	#	80
17) tert-Butyl alcohol	3.906	59	47190	0.335	ppbv	#	88
20) Methylene Chloride	3.947	84	401816	6.263	ppbv		91
26) Hexane	5.233	57	168700	1.287	ppbv	#	37
27) Carbon Disulfide	4.140	76	16888	0.105	ppbv	#	67
34) 2-Butanone	4.799	43	2722298	16.373	ppbv		99
51) 2-Hexanone	9.581	43	478291	2.358	ppbv		94
52) Tetrachloroethene	10.642	164	2795m	0.030	ppbv		
53) Toluene	9.243	91	119409	0.393	ppbv		99
58) Ethyl Benzene	12.114	91	36183m	0.092	ppbv		
59) m/p-Xylene	12.371	91	101501m	0.285	ppbv		
60) o-Xylene	13.082	91	50710	0.150	ppbv		98
74) 1,2,4-Trimethylbenzene	16.133	105	109802	0.288	ppbv	#	70

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

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