Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
Data File : VL041132.D
Acq On : 4 Apr 2024 19:30
Operator : SY/MD
Sample : P1953-05DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Manual Integrations APPROVED

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

Quant Time: Apr 05 05:11:59 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.211	49	1153305	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.674	114	2896423	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.494	117	2768420	10.000	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.802	95	2188181	9.829	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.300%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.732	85	64248	0.326	ppbv		94
3) Chlorodifluoromethane	2.677	51	44263m	0.249	ppbv		
4) Chloromethane	2.819	50	40985	0.610	ppbv		96
9) Propene	2.697	41	471482	8.344	ppbv		91
10) Heptane	7.603	43	85526	0.637	ppbv		96
11) Trichlorofluoromethane	3.574	101	42917	0.240	ppbv		98
13) Ethanol	3.243	45	1165522	86.715	ppbv		97
15) Acetone	3.478	43	730565	5.850	ppbv	#	63
19) Isopropyl Alcohol	3.587	45	407259	5.368	ppbv		99
20) Methylene Chloride	3.944	84	766052	14.873	ppbv		98
26) Hexane	5.230	57	530923	5.045	ppbv	#	46
30) Cyclohexane	6.623	84	50149m	0.585	ppbv		
34) 2-Butanone	4.806	43	173509	1.416	ppbv		98
35) Carbon Tetrachloride	6.516	117	14871m	0.090	ppbv		
36) Benzene	6.391	78	578839	2.721	ppbv		98
44) 2,2,4-Trimethylpentane	7.352	57	1044869	2.967	ppbv		95
50) 4-Methyl-2-Pentanone	8.227	43	65907m	0.306	ppbv		
52) Tetrachloroethene	10.642	164	7293m	0.107	ppbv		
53) Toluene	9.246	91	2619365	11.696	ppbv		100
58) Ethyl Benzene	12.117	91	385913	1.273	ppbv		96
59) m/p-Xylene	12.371	91	1102256	4.027	ppbv		97
60) o-Xylene	13.089	91	376545	1.452	ppbv		99
61) Styrene	12.925	104	23330m	0.203	ppbv		
72) 4-Ethyltoluene	15.230	105	85406m	0.295	ppbv		
73) 1,3,5-Trimethylbenzene	15.378	105	51006m	0.200	ppbv		
74) 1,2,4-Trimethylbenzene	16.137	105	209204	0.716	ppbv	#	67

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

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