Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
Data File : VL041565.D
Acq On : 21 Aug 2024 13:09
Operator : SY/MD
Sample : P3679-03DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 22 01:11:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
QLast Update : Thu Aug 22 01:05:17 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.195	49	1034493	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.655	114	2689098	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.462	117	2442872	10.000	ppbv	#	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.767	95	1918941	10.207	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.100%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.748	85	35738	0.201	ppbv		93
3) Chlorodifluoromethane	2.690	51	115233m	0.936	ppbv		
4) Chloromethane	2.832	50	55526	0.848	ppbv		95
6) Bromomethane	3.131	94	7594	0.229	ppbv		87
9) Propene	2.719	41	66250	1.171	ppbv	#	82
10) Heptane	7.578	43	72339	0.569	ppbv		98
11) Trichlorofluoromethane	3.571	101	86635	0.548	ppbv		90
13) Ethanol	3.263	45	12754437	2522.447	ppbv		90
15) Acetone	3.475	43	4105338	34.927	ppbv		98
17) tert-Butyl alcohol	3.912	59	86838m	0.810	ppbv		
19) Isopropyl Alcohol	3.604	45	1695050	24.667	ppbv	#	1
20) Methylene Chloride	3.941	84	65548	1.495	ppbv		91
26) Hexane	5.218	57	176100	1.818	ppbv	#	70
27) Carbon Disulfide	4.134	76	12883	0.114	ppbv	#	29
29) Chloroform	5.279	83	403905	2.556	ppbv		95
30) Cyclohexane	6.597	84	17447m	0.221	ppbv		
34) 2-Butanone	4.793	43	362482	2.787	ppbv		97
35) Carbon Tetrachloride	6.491	117	9562m	0.064	ppbv		
36) Benzene	6.372	78	104435	0.531	ppbv		97
42) Bromodichloromethane	7.243	83	15518m	0.098	ppbv		
43) Methyl Methacrylate	7.475	69	9850m	0.140	ppbv		
44) 2,2,4-Trimethylpentane	7.324	57	94936m	0.289	ppbv		
50) 4-Methyl-2-Pentanone	8.185	43	76388m	0.372	ppbv		
51) 2-Hexanone	9.552	43	60666	0.391	ppbv	#	98
52) Tetrachloroethene	10.616	164	2865m	0.038	ppbv		
53) Toluene	9.214	91	929690	4.248	ppbv		99
58) Ethyl Benzene	12.082	91	170291	0.605	ppbv		96
59) m/p-Xylene	12.336	91	493909	2.032	ppbv		95
60) o-Xylene	13.050	91	191753	0.834	ppbv		100
61) Styrene	12.896	104	54221m	0.523	ppbv		
64) n-propylbenzene	14.905	120	15282m	0.167	ppbv		
65) tert-Butylbenzene	16.101	119	33880	0.107	ppbv	#	49
69) p-Isopropyltoluene	16.989	119	43411	0.120	ppbv		95
72) 4-Ethyltoluene	15.182	105	84413	0.312	ppbv	#	95
73) 1,3,5-Trimethylbenzene	15.346	105	73174	0.314	ppbv		89
74) 1,2,4-Trimethylbenzene	16.098	105	296379	1.093	ppbv	#	73
76) 1,4-Dichlorobenzene	16.468	146	123755	0.750	ppbv		97
79) Naphthalene	21.381	128	71924m	0.301	ppbv		

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

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