Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020325\
Data File : VL041968.D
Acq On : 03 Feb 2025 17:08
Operator : SY/MD
Sample : Q1222-02DUP
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

Quant Time: Feb 04 02:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.797	49	151310	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.975	114	428310	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.894	117	371013	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.387	95	283971	9.718	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.502	85	8269	0.401	ppbv		97
3) Chlorodifluoromethane	1.479	51	6430m	0.298	ppbv		
4) Chloromethane	1.534	50	4372	0.564	ppbv		95
9) Propene	1.489	41	57372m	6.450	ppbv		
10) Heptane	4.998	43	116074	4.882	ppbv		97
11) Trichlorofluoromethane	1.884	101	4568	0.213	ppbv		89
13) Ethanol	1.725	45	514568	789.838	ppbv		88
15) Acetone	1.839	43	302369	16.638	ppbv		92
19) Isopropyl Alcohol	1.890	45	269134	24.977	ppbv	#	34
20) Methylene Chloride	2.068	84	2500	0.348	ppbv	#	83
26) Hexane	2.835	57	15435	0.796	ppbv	#	69
29) Chloroform	2.858	83	11809	0.385	ppbv	#	81
30) Cyclohexane	3.871	84	10357	0.616	ppbv		93
34) 2-Butanone	2.567	43	38831	1.426	ppbv		98
35) Carbon Tetrachloride	3.777	117	2093m	0.078	ppbv		
36) Benzene	3.667	78	14531	0.370	ppbv	#	90
41) Tetrahydrofuran	3.075	42	8951m	0.605	ppbv		
44) 2,2,4-Trimethylpentane	4.658	57	20396	0.321	ppbv	#	64
52) Tetrachloroethene	8.237	164	1063m	0.078	ppbv		
53) Toluene	6.952	91	61026	1.426	ppbv		99
58) Ethyl Benzene	9.370	91	11969	0.206	ppbv		98
59) m/p-Xylene	9.542	91	48878m	1.052	ppbv		
60) o-Xylene	9.975	91	18381	0.398	ppbv		94
74) 1,2,4-Trimethylbenzene	11.545	105	18157	0.344	ppbv	#	57

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

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