Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042825\
Data File : VL042431.D
Acq On : 28 Apr 2025 18:00
Operator : SY/MD
Sample : Q1880-01
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
EBR-P11-SC-SS01-20250421

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025

Quant Time: Apr 29 01:41:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.787	49	121052	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.956	114	332477	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.878	117	283703	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.374	95	254492	10.916	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 109.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.496	85	25608	1.197	ppbv		97
3) Chlorodifluoromethane	1.473	51	6549m	0.322	ppbv		
9) Propene	1.486	41	30866	3.328	ppbv	#	75
10) Heptane	4.975	43	7469m	0.287	ppbv		
11) Trichlorofluoromethane	1.874	101	28003	1.377	ppbv		93
13) Ethanol	1.719	45	111200	75.431	ppbv		75
15) Acetone	1.832	43	2162315	109.117	ppbv	#	74
17) tert-Butyl alcohol	2.043	59	36864	1.501	ppbv	#	89
19) Isopropyl Alcohol	1.887	45	55931	5.081	ppbv	#	33
20) Methylene Chloride	2.059	84	3153	0.406	ppbv	#	75
26) Hexane	2.826	57	13247	0.670	ppbv	#	38
27) Carbon Disulfide	2.149	76	100277	4.737	ppbv		96
29) Chloroform	2.849	83	12986	0.465	ppbv		97
30) Cyclohexane	3.852	84	3609m	0.226	ppbv		
34) 2-Butanone	2.554	43	292727	11.133	ppbv		100
35) Carbon Tetrachloride	3.755	117	1542m	0.051	ppbv		
36) Benzene	3.655	78	16576	0.462	ppbv	#	91
38) Trichloroethene	4.548	130	9963m	0.636	ppbv		
50) 4-Methyl-2-Pentanone	5.765	43	14004m	0.320	ppbv		
52) Tetrachloroethene	8.225	164	5442	0.393	ppbv	#	83
53) Toluene	6.930	91	38616	0.897	ppbv		97
59) m/p-Xylene	9.526	91	18559m	0.410	ppbv		
60) o-Xylene	9.963	91	7155m	0.157	ppbv		
74) 1,2,4-Trimethylbenzene	11.532	105	5983	0.104	ppbv	#	60

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

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