Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
Data File : VL042186.D
Acq On : 27 Mar 2025 18:59
Operator : SY/MD
Sample : Q1669-02
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 28 02:15:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA-B9-2-3262025

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.784	49	187729	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.955	114	538422	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.878	117	491411	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.374	95	400118	9.915	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.100%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.496	85	11483	0.414	ppbv		94
3) Chlorodifluoromethane	1.473	51	6817m	0.241	ppbv		
4) Chloromethane	1.531	50	2440	0.215	ppbv		96
9) Propene	1.486	41	20814m	1.604	ppbv		
10) Heptane	4.978	43	16872m	0.489	ppbv		
11) Trichlorofluoromethane	1.877	101	5432	0.201	ppbv		87
13) Ethanol	1.719	45	57647	46.985	ppbv		83
15) Acetone	1.835	43	64251	2.447	ppbv	#	82
17) tert-Butyl alcohol	2.043	59	12249	0.375	ppbv	#	83
20) Methylene Chloride	2.059	84	3376	0.345	ppbv	#	91
26) Hexane	2.826	57	60389	2.294	ppbv	#	34
29) Chloroform	2.845	83	4455	0.116	ppbv		92
30) Cyclohexane	3.849	84	5046m	0.221	ppbv		
34) 2-Butanone	2.564	43	16547	0.424	ppbv		96
35) Carbon Tetrachloride	3.758	117	2811m	0.067	ppbv		
36) Benzene	3.654	78	35891	0.672	ppbv	#	90
44) 2,2,4-Trimethylpentane	4.638	57	33449m	0.371	ppbv		
50) 4-Methyl-2-Pentanone	5.765	43	26447	0.427	ppbv		99
53) Toluene	6.933	91	146301	2.312	ppbv		99
58) Ethyl Benzene	9.351	91	33902	0.388	ppbv	#	89
59) m/p-Xylene	9.532	91	96658	1.387	ppbv		97
60) o-Xylene	9.959	91	45203	0.647	ppbv		99
61) Styrene	9.872	104	4574m	0.132	ppbv		
72) 4-Ethyltoluene	11.125	105	17501	0.201	ppbv	#	55
73) 1,3,5-Trimethylbenzene	11.199	105	13983	0.184	ppbv		97
74) 1,2,4-Trimethylbenzene	11.536	105	47154	0.539	ppbv	#	63

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

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