Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
Data File : VL040935.D
Acq On : 21 Dec 2023 18:31
Operator : SY/MD
Sample : 05925-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 22 00:09:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Dec 21 07:32:42 2023
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.192	49	1174797	10.000	ppbv		0.02
33) 1,4-Difluorobenzene	6.639	114	2864828	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.436	117	2470314	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.744	95	1864903	10.249	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.500%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.751	85	119449	0.534	ppbv		99
3) Chlorodifluoromethane	2.697	51	85511	0.484	ppbv	#	80
4) Chloromethane	2.835	50	36010	0.552	ppbv		99
9) Propene	2.716	41	392478	6.728	ppbv		88
10) Heptane	7.561	43	435272	3.002	ppbv		99
11) Trichlorofluoromethane	3.571	101	38480	0.220	ppbv		94
13) Ethanol	3.256	45	951521	64.660	ppbv		95
15) Acetone	3.475	43	15398989	109.292	ppbv	#	79
19) Isopropyl Alcohol	3.594	45	133739	1.819	ppbv	#	95
20) Methylene Chloride	3.944	84	771450	15.360	ppbv		93
25) Ethyl Acetate	5.211	43	1329836	5.447	ppbv	#	86
26) Hexane	5.211	57	1849367	17.092	ppbv	#	40
30) Cyclohexane	6.587	84	107459	1.191	ppbv		94
34) 2-Butanone	4.793	43	62804	0.414	ppbv		95
35) Carbon Tetrachloride	6.487	117	11445m	0.064	ppbv		
36) Benzene	6.359	78	648045	2.894	ppbv		96
44) 2,2,4-Trimethylpentane	7.311	57	2859857	7.518	ppbv		96
50) 4-Methyl-2-Pentanone	8.179	43	77204m	0.336	ppbv		
53) Toluene	9.198	91	2497247	10.056	ppbv		100
58) Ethyl Benzene	12.056	91	514576m	1.622	ppbv		
59) m/p-Xylene	12.317	91	1318809	4.887	ppbv	#	100
60) o-Xylene	13.024	91	517314	2.034	ppbv		98
61) Styrene	12.873	104	15733m	0.130	ppbv		
64) n-propylbenzene	14.889	120	25411m	0.269	ppbv		
72) 4-Ethyltoluene	15.162	105	143514	0.514	ppbv	#	94
73) 1,3,5-Trimethylbenzene	15.323	105	103199	0.428	ppbv		92
74) 1,2,4-Trimethylbenzene	16.072	105	424020	1.582	ppbv	#	70

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

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