Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
Data File : VL041440.D
Acq On : 29 Jul 2024 22:28
Operator : SY/MD
Sample : P3342-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 30 02:55:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Jul 30 02:42:20 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-03

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.192	49	1063656	10.000	ppbv		0.01
33) 1,4-Difluorobenzene	6.652	114	2876090	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.465	117	2629445	10.000	ppbv	#	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.773	95	2029848	10.031	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.300%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.729	85	64093	0.350	ppbv		100
4) Chloromethane	2.813	50	52126	0.774	ppbv		94
9) Propene	2.706	41	184000m	3.163	ppbv		
10) Heptane	7.584	43	66025	0.505	ppbv		95
11) Trichlorofluoromethane	3.565	101	37781	0.232	ppbv		90
13) Ethanol	3.237	45	531648	102.261	ppbv		92
15) Acetone	3.465	43	1981668m	16.397	ppbv		
19) Isopropyl Alcohol	3.581	45	281258m	3.981	ppbv		
20) Methylene Chloride	3.931	84	49108	1.090	ppbv		93
26) Hexane	5.214	57	200061	2.009	ppbv	#	55
29) Chloroform	5.279	83	21633m	0.133	ppbv		
30) Cyclohexane	6.603	84	13276m	0.164	ppbv		
34) 2-Butanone	4.787	43	220229	1.583	ppbv		97
35) Carbon Tetrachloride	6.488	117	9852m	0.062	ppbv		
36) Benzene	6.369	78	146707	0.698	ppbv		99
37) 1,2-Dichloroethane	5.809	62	55817	0.475	ppbv	#	95
41) Tetrahydrofuran	5.565	42	138999	1.747	ppbv		98
44) 2,2,4-Trimethylpentane	7.330	57	99643	0.284	ppbv	#	76
53) Toluene	9.221	91	914590	3.907	ppbv		100
58) Ethyl Benzene	12.092	91	97095m	0.320	ppbv		
59) m/p-Xylene	12.343	91	220628	0.843	ppbv		95
60) o-Xylene	13.056	91	80261	0.324	ppbv		98
61) Styrene	12.899	104	38604m	0.346	ppbv		
74) 1,2,4-Trimethylbenzene	16.105	105	57388m	0.197	ppbv		

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

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