Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
Data File : VL041488.D
Acq On : 1 Aug 2024 22:01
Operator : SY/MD
Sample : P3445-05
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
3RD-FLOOR

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

Quant Time: Aug 02 04:15:57 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 : Fri Aug 02 03:13:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.195	49	926420	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.655	114	2420057	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.468	117	2240524	10.000	ppbv	#	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.773	95	1738618	10.083	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.800%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.735	85	49744m	0.312	ppbv		
3) Chlorodifluoromethane	2.677	51	456790	4.142	ppbv		93
4) Chloromethane	2.819	50	41418	0.706	ppbv		91
9) Propene	2.709	41	317306m	6.263	ppbv		
10) Heptane	7.581	43	17509	0.154	ppbv	#	76
11) Trichlorofluoromethane	3.565	101	30781	0.217	ppbv		92
13) Ethanol	3.256	45	6211199	1371.689	ppbv		96
15) Acetone	3.468	43	1846064	17.538	ppbv		99
17) tert-Butyl alcohol	3.902	59	38461m	0.401	ppbv		
19) Isopropyl Alcohol	3.597	45	1602682	26.044	ppbv		100
20) Methylene Chloride	3.934	84	3352491	85.409	ppbv		95
26) Hexane	5.214	57	1606829	18.523	ppbv	#	43
29) Chloroform	5.275	83	94091	0.665	ppbv		90
30) Cyclohexane	6.603	84	13242m	0.187	ppbv		
34) 2-Butanone	4.793	43	111354	0.951	ppbv		95
35) Carbon Tetrachloride	6.494	117	9076m	0.068	ppbv		
36) Benzene	6.372	78	55333	0.313	ppbv		95
41) Tetrahydrofuran	5.565	42	19120m	0.286	ppbv		
44) 2,2,4-Trimethylpentane	7.330	57	110780m	0.375	ppbv		
53) Toluene	9.227	91	216118	1.097	ppbv		100
58) Ethyl Benzene	12.088	91	29086m	0.113	ppbv		
59) m/p-Xylene	12.352	91	72758m	0.326	ppbv		
60) o-Xylene	13.056	91	32129m	0.152	ppbv		
61) Styrene	12.905	104	10250m	0.108	ppbv		
69) p-Isopropyltoluene	16.995	119	34809m	0.105	ppbv		
73) 1,3,5-Trimethylbenzene	15.352	105	30105m	0.141	ppbv		
74) 1,2,4-Trimethylbenzene	16.108	105	91771	0.369	ppbv	#	69
76) 1,4-Dichlorobenzene	16.474	146	39484m	0.261	ppbv		
79) Naphthalene	21.384	128	34229m	0.156	ppbv		

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

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