Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
Data File : VL041331.D
Acq On : 5 Jun 2024 17:32
Operator : SY/MD
Sample : P2716-04
Misc : 400mL/MSVOA_L
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA2

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

Quant Time: Jun 06 04:41:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Wed Jun 05 04:42:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.214	49	868460	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.671	114	2212781	10.000	ppbv		0.01
55) Chlorobenzene-d5	11.478	117	2027114	10.000	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.786	95	1564765	9.998	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.000%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.764	85	51263	0.370	ppbv		97
3) Chlorodifluoromethane	2.710	51	55237m	0.402	ppbv		
4) Chloromethane	2.845	50	54770	1.060	ppbv		96
9) Propene	2.735	41	68947	1.410	ppbv	#	73
10) Heptane	7.594	43	41709	0.360	ppbv		97
11) Trichlorofluoromethane	3.591	101	30795	0.242	ppbv		94
13) Ethanol	3.269	45	721129	56.702	ppbv		99
15) Acetone	3.494	43	2154627	21.730	ppbv		99
19) Isopropyl Alcohol	3.607	45	355350m	5.704	ppbv		
20) Methylene Chloride	3.960	84	1160185	32.192	ppbv		97
26) Hexane	5.234	57	1254019	14.216	ppbv	#	43
29) Chloroform	5.298	83	64349m	0.475	ppbv		
30) Cyclohexane	6.616	84	97141m	1.359	ppbv		
34) 2-Butanone	4.812	43	214912	2.027	ppbv		100
35) Carbon Tetrachloride	6.510	117	12065m	0.096	ppbv		
36) Benzene	6.391	78	57213	0.334	ppbv		96
41) Tetrahydrofuran	5.581	42	27959m	0.405	ppbv		
44) 2,2,4-Trimethylpentane	7.343	57	88711m	0.301	ppbv		
52) Tetrachloroethene	10.619	164	3990m	0.064	ppbv		
53) Toluene	9.233	91	523695	2.655	ppbv		99
58) Ethyl Benzene	12.098	91	52805	0.203	ppbv		97
59) m/p-Xylene	12.352	91	192936m	0.867	ppbv		
60) o-Xylene	13.072	91	76204m	0.359	ppbv		
74) 1,2,4-Trimethylbenzene	16.117	105	55282m	0.228	ppbv		

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

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