Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072224\
Data File : VL041389.D
Acq On : 22 Jul 2024 16:53
Operator : SY/MD
Sample : P3259-01 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 23 03:16:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Jul 23 02:50:01 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.205	49	984299	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.658	114	2521908	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.465	117	2281123	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.773	95	1764654	10.321	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.754	85	28947m	0.172	ppbv		
9) Propene	2.722	41	28500	0.485	ppbv		91
10) Heptane	7.577	43	26376m	0.191	ppbv		
11) Trichlorofluoromethane	3.578	101	17964	0.110	ppbv		94
13) Ethanol	3.285	45	11694m	0.898	ppbv		
15) Acetone	3.481	43	8101191	62.318	ppbv		91
19) Isopropyl Alcohol	3.619	45	22065	0.309	ppbv	#	94
20) Methylene Chloride	3.951	84	165022	3.498	ppbv		97
25) Ethyl Acetate	5.221	43	445885	1.863	ppbv	#	94
26) Hexane	5.224	57	311798	2.942	ppbv	#	70
29) Chloroform	5.285	83	49217	0.301	ppbv		91
32) 1,1,1-Trichloroethane	6.008	97	13974	0.081	ppbv		97
34) 2-Butanone	4.806	43	283015	2.127	ppbv		96
35) Carbon Tetrachloride	6.503	117	5060m	0.030	ppbv		
38) Trichloroethene	7.307	130	5759m	0.063	ppbv		
51) 2-Hexanone	9.555	43	204556m	1.347	ppbv		
52) Tetrachloroethene	10.619	164	218177	2.603	ppbv		96
53) Toluene	9.220	91	304661m	1.294	ppbv		
58) Ethyl Benzene	12.085	91	73062	0.239	ppbv		89
59) m/p-Xylene	12.342	91	227401	0.861	ppbv		92
60) o-Xylene	13.053	91	125092m	0.502	ppbv		
62) Isopropylbenzene	14.027	105	51969	0.135	ppbv		97
63) 1,1,2,2-Tetrachloroethane	13.031	83	63044m	0.321	ppbv		
64) n-propylbenzene	14.908	120	23836m	0.237	ppbv		
65) tert-Butylbenzene	16.098	119	37840m	0.110	ppbv		
67) sec-Butylbenzene	16.632	105	72875	0.150	ppbv		96
72) 4-Ethyltoluene	15.191	105	76035m	0.256	ppbv		
73) 1,3,5-Trimethylbenzene	15.349	105	115985	0.456	ppbv		92
74) 1,2,4-Trimethylbenzene	16.108	105	233085m	0.814	ppbv		

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

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