Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
Data File : VL040974.D
Acq On : 15 Jan 2024 17:35
Operator : SY/MD
Sample : P1138-01 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

Quant Time: Jan 16 03:39:03 2024
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 : Tue Jan 16 03:31:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.195	49	1385587	10.000	ppbv		0.02
33) 1,4-Difluorobenzene	6.648	114	3667347	10.000	ppbv		0.01
55) Chlorobenzene-d5	11.449	117	3261869	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.757	95	2499968	10.405	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.100%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.745	85	30916	0.117	ppbv		98
9) Propene	2.713	41	192021	2.791	ppbv		92
10) Heptane	7.571	43	196828	1.151	ppbv		98
12) 1,1,2-Trichlorotrifluo...	4.079	101	15125m	0.094	ppbv		
13) Ethanol	3.256	45	28317m	1.632	ppbv		
15) Acetone	3.481	43	1766778	10.632	ppbv		92
20) Methylene Chloride	3.947	84	217507	3.672	ppbv		93
26) Hexane	5.221	57	415054	3.252	ppbv	#	38
29) Chloroform	5.275	83	81554	0.379	ppbv		88
30) Cyclohexane	6.594	84	33931m	0.319	ppbv		
32) 1,1,1-Trichloroethane	6.002	97	403375	1.937	ppbv		99
34) 2-Butanone	4.787	43	3428801	17.674	ppbv		98
36) Benzene	6.369	78	68916	0.240	ppbv		95
38) Trichloroethene	7.285	130	653585	6.070	ppbv		99
51) 2-Hexanone	9.542	43	352691	1.668	ppbv	#	86
52) Tetrachloroethene	10.600	164	20225m	0.209	ppbv		
53) Toluene	9.204	91	348672	1.097	ppbv		97
58) Ethyl Benzene	12.072	91	213940	0.511	ppbv		94
59) m/p-Xylene	12.326	91	729719	2.048	ppbv	#	100
60) o-Xylene	13.040	91	312711	0.931	ppbv		99
62) Isopropylbenzene	14.008	105	82050m	0.165	ppbv		
64) n-propylbenzene	14.902	120	33630m	0.269	ppbv		
65) tert-Butylbenzene	16.088	119	61550m	0.145	ppbv		
67) sec-Butylbenzene	16.619	105	55723	0.091	ppbv		99
69) p-Isopropyltoluene	16.976	119	54841m	0.115	ppbv		
72) 4-Ethyltoluene	15.169	105	167040	0.453	ppbv	#	96
73) 1,3,5-Trimethylbenzene	15.333	105	202733	0.637	ppbv		99
74) 1,2,4-Trimethylbenzene	16.085	105	494877	1.398	ppbv	#	70

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

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