Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
Data File : VL039388.D
Acq On : 28 Jun 2022 11:11
Operator : SY/AP
Sample : N3453-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 29 06:05:36 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.655	49	1049977	10.000	ppbv		-0.02
33) 1,4-Difluorobenzene	7.160	114	2926712	10.000	ppbv		-0.02
55) Chlorobenzene-d5	12.066	117	2644575	10.000	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.394	95	2043568	9.347	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 93.500%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.044	85	44158m	0.239	ppbv		
3) Chlorodifluoromethane	2.986	51	31184m	0.233	ppbv		
4) Chloromethane	3.131	50	15148	0.221	ppbv		92
9) Propene	3.012	41	222532m	3.820	ppbv		
10) Heptane	8.105	43	49933	0.367	ppbv		98
11) Trichlorofluoromethane	3.941	101	37743	0.226	ppbv		91
13) Ethanol	3.591	45	483855	152.305	ppbv	#	100
15) Acetone	3.838	43	1103904	10.093	ppbv		100
17) tert-Butyl alcohol	4.288	59	20870m	0.246	ppbv		
19) Isopropyl Alcohol	3.957	45	43658m	0.851	ppbv		
20) Methylene Chloride	4.337	84	1802486	39.106	ppbv		95
26) Hexane	5.674	57	2739789	25.291	ppbv	#	39
27) Carbon Disulfide	4.539	76	70391m	0.627	ppbv		
30) Cyclohexane	7.124	84	44070m	0.484	ppbv		
34) 2-Butanone	5.234	43	121873	0.766	ppbv		96
36) Benzene	6.877	78	176245m	0.742	ppbv		
52) Tetrachloroethene	11.198	164	5172m	0.056	ppbv		
53) Toluene	9.790	91	752795	2.751	ppbv		99
58) Ethyl Benzene	12.684	91	174436m	0.479	ppbv		
59) m/p-Xylene	12.941	91	567403	1.769	ppbv		96
60) o-Xylene	13.668	91	213956m	0.710	ppbv		
62) Isopropylbenzene	14.639	105	65410m	0.146	ppbv		
64) n-propylbenzene	15.542	120	17425	0.158	ppbv		86
69) p-Isopropyltoluene	17.626	119	55056m	0.117	ppbv		
70) n-Butylbenzene	18.523	91	71817m	0.148	ppbv		
72) 4-Ethyltoluene	15.815	105	126379m	0.358	ppbv		
73) 1,3,5-Trimethylbenzene	15.976	105	219956	0.690	ppbv		95
74) 1,2,4-Trimethylbenzene	16.735	105	974363	2.740	ppbv	#	62
79) Naphthalene	22.169	128	54606m	0.199	ppbv		

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

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