Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
Data File : VL039389.D
Acq On : 28 Jun 2022 11:52
Operator : SY/AP
Sample : N3453-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-2

Manual Integrations APPROVED

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

Quant Time: Jun 29 06:05:52 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	5.652	49	1142333	10.000	ppbv		-0.02
33) 1,4-Difluorobenzene	7.160	114	3158061	10.000	ppbv		-0.02
55) Chlorobenzene-d5	12.066	117	2708000	10.000	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.394	95	2131503	9.521	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.041	85	34352	0.171	ppbv		97
3) Chlorodifluoromethane	2.983	51	31244m	0.215	ppbv		
4) Chloromethane	3.140	50	10263m	0.137	ppbv		
9) Propene	3.018	41	212674m	3.356	ppbv		
10) Heptane	8.105	43	86981m	0.588	ppbv		
11) Trichlorofluoromethane	3.941	101	40519m	0.223	ppbv		
13) Ethanol	3.591	45	419550	121.386	ppbv	#	100
15) Acetone	3.835	43	2068840	17.386	ppbv		96
17) tert-Butyl alcohol	4.285	59	21615m	0.234	ppbv		
19) Isopropyl Alcohol	3.960	45	40068m	0.718	ppbv		
20) Methylene Chloride	4.333	84	260229	5.189	ppbv		94
26) Hexane	5.674	57	3083503	26.162	ppbv	#	39
27) Carbon Disulfide	4.542	76	72313m	0.592	ppbv		
30) Cyclohexane	7.111	84	48638m	0.491	ppbv		
34) 2-Butanone	5.230	43	122358	0.713	ppbv		93
36) Benzene	6.870	78	280445m	1.094	ppbv		
52) Tetrachloroethene	11.208	164	14324m	0.143	ppbv		
53) Toluene	9.783	91	988490	3.348	ppbv		99
58) Ethyl Benzene	12.690	91	213193	0.572	ppbv	#	87
59) m/p-Xylene	12.947	91	694191	2.113	ppbv		94
60) o-Xylene	13.671	91	274858	0.890	ppbv		98
62) Isopropylbenzene	14.645	105	77257m	0.168	ppbv		
64) n-propylbenzene	15.532	120	22078m	0.196	ppbv		
67) sec-Butylbenzene	17.272	105	63328m	0.111	ppbv		
69) p-Isopropyltoluene	17.629	119	67643m	0.140	ppbv		
70) n-Butylbenzene	18.535	91	91244m	0.184	ppbv		
72) 4-Ethyltoluene	15.815	105	144360	0.399	ppbv	#	96
73) 1,3,5-Trimethylbenzene	15.976	105	264653	0.811	ppbv		99
74) 1,2,4-Trimethylbenzene	16.741	105	1081333	2.970	ppbv	#	63
79) Naphthalene	22.175	128	69709m	0.249	ppbv		

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

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