Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL033022\
Data File : VL038799.D
Acq On : 30 Mar 2022 18:03
Operator : SY/AP
Sample : N2169-01DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 31 04:40:47 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	954739	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	2678032	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	2397635	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	1706995	9.29	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 92.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	102487	0.799	ppbv		97
4) Chloromethane	3.14	50	9021	0.163	ppbv	#	88
9) Propene	3.01	41	541517	11.124	ppbv		94
10) Heptane	8.12	43	63425	0.545	ppbv	#	26
13) Ethanol	3.60	45	174309	32.459	ppbv		98
15) Acetone	3.84	43	3534191	42.900	ppbv		94
16) 1,3-Butadiene	3.31	39	326105	6.975	ppbv	#	39
17) tert-Butyl alcohol	4.29	59	125969	1.751	ppbv	#	94
19) Isopropyl Alcohol	3.96	45	123832	2.711	ppbv	#	91
20) Methylene Chloride	4.34	84	28208	0.813	ppbv		98
26) Hexane	5.68	57	271485	2.924	ppbv	#	32
27) Carbon Disulfide	4.55	76	333716	3.664	ppbv		99
28) Methyl tert-Butyl Ether	5.03	73	7905m	0.114	ppbv		
30) Cyclohexane	7.12	84	22447	0.278	ppbv	#	24
32) 1,1,1-Trichloroethane	6.51	97	15315m	0.107	ppbv		
34) 2-Butanone	5.24	43	447138	4.218	ppbv		94
36) Benzene	6.88	78	368059	1.781	ppbv		97
44) 2,2,4-Trimethylpentane	7.86	57	921765	2.656	ppbv	#	89
50) 4-Methyl-2-Pentanone	8.74	43	138165	0.701	ppbv		96
51) 2-Hexanone	10.12	43	205235	1.450	ppbv		96
52) Tetrachloroethene	11.21	164	60253	0.797	ppbv		95
53) Toluene	9.79	91	432701	1.948	ppbv		98
58) Ethyl Benzene	12.70	91	109866	0.392	ppbv		99
59) m/p-Xylene	12.96	91	223279	0.911	ppbv		92
60) o-Xylene	13.68	91	104603	0.449	ppbv		94
61) Styrene	13.52	104	33721	0.267	ppbv		100
62) Isopropylbenzene	14.65	105	68461	0.196	ppbv		95
72) 4-Ethyltoluene	15.82	105	27664m	0.101	ppbv		
73) 1,3,5-Trimethylbenzene	15.98	105	26136m	0.104	ppbv		
74) 1,2,4-Trimethylbenzene	16.75	105	75277	0.276	ppbv	#	73

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

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Manual Integrations APPROVED

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