Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021622\
Data File : VL038369.D
Acq On : 16 Feb 2022 16:43
Operator : SY/AP
Sample : N1546-01 2X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 17 10:04:48 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SVP-1

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 02/21/2022
Supervised By :Mahesh Dadoda 02/21/2022

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.64	49	885982	10.00	ppbv		-0.04
33) 1,4-Difluorobenzene	7.14	114	2198621	10.00	ppbv		-0.04
55) Chlorobenzene-d5	12.04	117	2078227	10.00	ppbv		-0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.37	95	1666181	10.56	ppbv		-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	61887m	0.33	ppbv		
3) Chlorodifluoromethane	2.98	51	28317	0.16	ppbv	#	74
4) Chloromethane	3.12	50	11123	0.18	ppbv	#	84
9) Propene	3.00	41	83242	1.45	ppbv		91
10) Heptane	8.08	43	23018m	0.16	ppbv		
11) Trichlorofluoromethane	3.92	101	29237	0.20	ppbv		87
13) Ethanol	3.58	45	169706	27.53	ppbv		94
15) Acetone	3.83	43	417291	5.34	ppbv		97
17) tert-Butyl alcohol	4.28	59	14478m	0.17	ppbv		
19) Isopropyl Alcohol	3.94	45	204342	4.18	ppbv		99
20) Methylene Chloride	4.32	84	62189	1.37	ppbv		96
26) Hexane	5.65	57	44036	0.43	ppbv	#	82
31) cis-1,2-Dichloroethene	5.52	61	8616m	0.10	ppbv		
34) 2-Butanone	5.21	43	85620	1.19	ppbv		97
36) Benzene	6.85	78	28965	0.15	ppbv	#	86
38) Trichloroethene	7.80	130	74187m	1.02	ppbv		
41) Tetrahydrofuran	6.03	42	76436	1.58	ppbv		94
52) Tetrachloroethene	11.18	164	452806	6.76	ppbv		99
53) Toluene	9.76	91	1799447	8.36	ppbv		99
58) Ethyl Benzene	12.67	91	75121	0.25	ppbv	#	87
59) m/p-Xylene	12.92	91	229926	0.88	ppbv		98
60) o-Xylene	13.65	91	95339	0.39	ppbv		98
69) p-Isopropyltoluene	17.62	119	108490	0.38	ppbv		94
73) 1,3,5-Trimethylbenzene	15.95	105	34657m	0.15	ppbv		

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

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