Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL042721\
Data File : VL036871.D
Acq On : 27 Apr 2021 23:52
Operator : SY/AP
Sample : M2172-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 29 16:26:10 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL042721A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
DDC-2-INFLUENT-2

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1541173	10.00	ppbv		0.01
33) 1,4-Difluorobenzene	7.19	114	3785770	10.00	ppbv		0.02
55) Chlorobenzene-d5	12.10	117	3529227	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	2714144	9.58	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	38986	0.161	ppbv		100
3) Chlorodifluoromethane	2.99	51	179732	0.640	ppbv		98
4) Chloromethane	3.14	50	54907	0.595	ppbv	#	76
5) Vinyl Chloride	3.26	62	16859m	0.181	ppbv		
7) Chloroethane	3.56	64	4096m	0.134	ppbv		
9) Propene	3.02	41	91397	1.068	ppbv		87
10) Heptane	8.13	43	102199m	0.475	ppbv		
11) Trichlorofluoromethane	3.95	101	58549m	0.270	ppbv		
12) 1,1,2-Trichlorotrifluoroet	4.48	101	15851m	0.109	ppbv		
13) Ethanol	3.65	45	22565387	2068.471	ppbv		98
15) Acetone	3.85	43	13829733	95.208	ppbv		95
17) tert-Butyl alcohol	4.34	59	1803328	15.295	ppbv		98
18) 1,1-Dichloroethene	4.30	96	9978m	0.158	ppbv		
19) Isopropyl Alcohol	4.02	45	18496048	256.986	ppbv	#	92
20) Methylene Chloride	4.35	84	136658	1.967	ppbv		95
25) Ethyl Acetate	5.68	43	576369	1.624	ppbv	#	92
28) Methyl tert-Butyl Ether	5.04	73	19555m	0.133	ppbv		
29) Chloroform	5.76	83	761086	2.941	ppbv		98
30) Cyclohexane	7.13	84	75626	0.574	ppbv	#	80
31) cis-1,2-Dichloroethene	5.56	61	507591	3.406	ppbv		98
32) 1,1,1-Trichloroethane	6.51	97	56610m	0.215	ppbv		
34) 2-Butanone	5.25	43	2343458	14.131	ppbv		100
35) Carbon Tetrachloride	7.02	117	257173	1.001	ppbv		97
36) Benzene	6.90	78	230795	0.724	ppbv		95
38) Trichloroethene	7.84	130	44019	0.388	ppbv		94
44) 2,2,4-Trimethylpentane	7.88	57	342606m	0.627	ppbv		
50) 4-Methyl-2-Pentanone	8.76	43	308683	1.362	ppbv		98
52) Tetrachloroethene	11.23	164	232701m	2.142	ppbv		
53) Toluene	9.81	91	960275	2.877	ppbv		99
57) Chlorobenzene	12.15	112	28419m	0.103	ppbv		
58) Ethyl Benzene	12.72	91	290325	0.649	ppbv		95
59) m/p-Xylene	12.98	91	874866	2.187	ppbv		96
60) o-Xylene	13.70	91	425868	1.101	ppbv		98
61) Styrene	13.54	104	30449m	0.168	ppbv		
64) n-propylbenzene	15.58	120	26600m	0.203	ppbv		
70) n-Butylbenzene	18.58	91	80688m	0.155	ppbv		
72) 4-Ethyltoluene	15.85	105	192538m	0.464	ppbv		
73) 1,3,5-Trimethylbenzene	16.01	105	131514	0.327	ppbv		86
74) 1,2,4-Trimethylbenzene	16.77	105	691105	1.616	ppbv	#	73
79) Naphthalene	22.22	128	86947m	0.363	ppbv		

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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