Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL042721\
Data File : VL036867.D
Acq On : 27 Apr 2021 21:11
Operator : SY/AP
Sample : M2172-09
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 28 07:29:35 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 :
OFFSITE-DDC-EFFLUENT

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	1428460	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3373078	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2930259	10.00	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2232186	9.49	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	38772	0.172	ppbv	92
3) Chlorodifluoromethane	2.99	51	70346m	0.270	ppbv	
4) Chloromethane	3.15	50	30092	0.352	ppbv	92
5) Vinyl Chloride	3.27	62	17154m	0.199	ppbv	
9) Propene	3.02	41	69851	0.881	ppbv	94
11) Trichlorofluoromethane	3.96	101	53216	0.265	ppbv	84
13) Ethanol	3.62	45	99678m	9.858	ppbv	
15) Acetone	3.86	43	552255	4.102	ppbv	96
18) 1,1-Dichloroethene	4.30	96	12674m	0.217	ppbv	
19) Isopropyl Alcohol	3.99	45	112660m	1.689	ppbv	
20) Methylene Chloride	4.35	84	121112	1.881	ppbv	97
22) trans-1,2-Dichloroethene	4.90	96	26259m	0.448	ppbv	
24) 1,1-Dichloroethane	5.01	63	50496	0.388	ppbv #	94
26) Hexane	5.69	57	131911m	0.857	ppbv	
29) Chloroform	5.75	83	232215	0.968	ppbv	98
30) Cyclohexane	7.17	84	42322m	0.347	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	3530508	25.562	ppbv	98
34) 2-Butanone	5.27	43	133869	0.906	ppbv	99
35) Carbon Tetrachloride	7.03	117	16335m	0.071	ppbv	
36) Benzene	6.89	78	60874	0.214	ppbv #	94
41) Tetrahydrofuran	6.08	42	26100m	0.404	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	62785m	0.129	ppbv	
52) Tetrachloroethene	11.23	164	6737m	0.070	ppbv	
53) Toluene	9.82	91	319951	1.076	ppbv	99
58) Ethyl Benzene	12.72	91	36977m	0.099	ppbv	
59) m/p-Xylene	12.98	91	82317m	0.248	ppbv	
60) o-Xylene	13.70	91	33997m	0.106	ppbv	

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

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