Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081121\
Data File : VL037399.D
Acq On : 11 Aug 2021 21:16
Operator : SY/AP
Sample : M3157-09
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INFLUENT

Manual Integrations APPROVED
apatel
8/12/2021 10:17:19 AM

Quant Time: Aug 12 03:44:28 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 1
QLast Update : Wed Aug 11 09:01:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1149271	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3631503	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3116586	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2354519	10.13	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	39185m	0.189	ppbv	
3) Chlorodifluoromethane	2.98	51	287573m	1.346	ppbv	
4) Chloromethane	3.13	50	71698m	0.911	ppbv	
9) Propene	3.02	41	55731m	0.766	ppbv	
10) Heptane	8.11	43	21519	0.125	ppbv #	71
11) Trichlorofluoromethane	3.95	101	36675m	0.210	ppbv	
13) Ethanol	3.60	45	1365270	155.470	ppbv	96
15) Acetone	3.84	43	2841577	25.951	ppbv	92
17) tert-Butyl alcohol	4.30	59	22819m	0.233	ppbv	
19) Isopropyl Alcohol	3.97	45	301511m	4.783	ppbv	
20) Methylene Chloride	4.34	84	4705209	79.133	ppbv	93
26) Hexane	5.68	57	3513779	24.750	ppbv #	47
30) Cyclohexane	7.13	84	48429m	0.412	ppbv	
34) 2-Butanone	5.24	43	267228	1.937	ppbv	98
35) Carbon Tetrachloride	7.02	117	10975m	0.054	ppbv	
36) Benzene	6.89	78	84887	0.295	ppbv	95
38) Trichloroethene	7.83	130	8356m	0.068	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	224196	0.466	ppbv	90
50) 4-Methyl-2-Pentanone	8.74	43	280990m	1.559	ppbv	
51) 2-Hexanone	10.14	43	103449m	1.295	ppbv	
52) Tetrachloroethene	11.22	164	79630	0.678	ppbv	96
53) Toluene	9.80	91	1931441	5.779	ppbv	100
58) Ethyl Benzene	12.71	91	137426	0.330	ppbv	92
59) m/p-Xylene	12.96	91	431519m	1.205	ppbv	
60) o-Xylene	13.68	91	163355m	0.492	ppbv	
61) Styrene	13.52	104	35627m	0.207	ppbv	
73) 1,3,5-Trimethylbenzene	15.99	105	47361m	0.131	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	145647m	0.398	ppbv	

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

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