Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121621\
Data File : VL038194.D
Acq On : 16 Dec 2021 18:11
Operator : SY/AP
Sample : M5136-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 17 06:27:51 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Manual Integrations APPROVED
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	932444	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	2402094	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	2120864	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	1594496	10.42	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	34918	0.227	ppbv		93
3) Chlorodifluoromethane	3.00	51	50543m	0.258	ppbv		
4) Chloromethane	3.15	50	20810	0.312	ppbv		95
7) Chloroethane	3.56	64	37150	1.601	ppbv	#	88
9) Propene	3.03	41	54965	0.762	ppbv	#	76
11) Trichlorofluoromethane	3.95	101	68167m	0.465	ppbv		
12) 1,1,2-Trichlorotrifluoroet	4.49	101	101612	0.981	ppbv		99
13) Ethanol	3.60	45	532183	76.363	ppbv		87
15) Acetone	3.86	43	348173	4.307	ppbv		98
17) tert-Butyl alcohol	4.30	59	33211m	0.339	ppbv		
18) 1,1-Dichloroethene	4.29	96	75745	1.594	ppbv		98
19) Isopropyl Alcohol	3.97	45	459617	7.868	ppbv	#	97
20) Methylene Chloride	4.35	84	134884	2.979	ppbv		95
24) 1,1-Dichloroethane	5.01	63	1442768	14.805	ppbv		99
26) Hexane	5.69	57	80052	0.618	ppbv	#	72
29) Chloroform	5.76	83	20303m	0.106	ppbv		
32) 1,1,1-Trichloroethane	6.52	97	8231173	42.493	ppbv		95
34) 2-Butanone	5.26	43	68414	0.706	ppbv		95
35) Carbon Tetrachloride	7.02	117	11164m	0.066	ppbv		
36) Benzene	6.90	78	31542	0.132	ppbv		99
38) Trichloroethene	7.84	130	12840	0.142	ppbv	#	76
41) Tetrahydrofuran	6.07	42	34672m	0.577	ppbv		
52) Tetrachloroethene	11.23	164	29878	0.337	ppbv		87
53) Toluene	9.81	91	88802	0.322	ppbv		97
58) Ethyl Benzene	12.71	91	35802	0.102	ppbv		93
59) m/p-Xylene	12.97	91	120734m	0.409	ppbv		
60) o-Xylene	13.69	91	45114	0.165	ppbv		98
74) 1,2,4-Trimethylbenzene	16.75	105	43911m	0.147	ppbv		

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

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