Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121621\
Data File : VL038196.D
Acq On : 16 Dec 2021 19:30
Operator : SY/AP
Sample : M5136-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 17 06:35:54 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 :
MID

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	985105	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	2477805	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	2126753	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	1579127	10.29	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	19223m	0.118	ppbv		
3) Chlorodifluoromethane	3.00	51	30307	0.146	ppbv		98
7) Chloroethane	3.56	64	3514m	0.143	ppbv		
9) Propene	3.03	41	24532m	0.322	ppbv		
11) Trichlorofluoromethane	3.95	101	24440	0.158	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.49	101	13791m	0.126	ppbv		
13) Ethanol	3.61	45	370269	50.290	ppbv		91
15) Acetone	3.86	43	339186	3.971	ppbv		91
17) tert-Butyl alcohol	4.30	59	37945m	0.366	ppbv		
18) 1,1-Dichloroethene	4.29	96	21733m	0.433	ppbv		
19) Isopropyl Alcohol	3.98	45	682549	11.060	ppbv	#	98
20) Methylene Chloride	4.35	84	564899	11.808	ppbv		94
22) trans-1,2-Dichloroethene	4.89	96	7419m	0.146	ppbv		
24) 1,1-Dichloroethane	5.02	63	288284	2.800	ppbv		98
26) Hexane	5.69	57	305580	2.233	ppbv	#	54
29) Chloroform	5.76	83	39464	0.196	ppbv		87
32) 1,1,1-Trichloroethane	6.52	97	1440014	7.037	ppbv		97
34) 2-Butanone	5.26	43	43354	0.434	ppbv		98
41) Tetrahydrofuran	6.07	42	8303m	0.134	ppbv		
52) Tetrachloroethene	11.22	164	5656m	0.062	ppbv		
53) Toluene	9.81	91	71275	0.251	ppbv		95
58) Ethyl Benzene	12.71	91	43302	0.123	ppbv		96
59) m/p-Xylene	12.96	91	150825m	0.510	ppbv		
60) o-Xylene	13.69	91	59822m	0.218	ppbv		
74) 1,2,4-Trimethylbenzene	16.76	105	62050	0.207	ppbv	#	78

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

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