Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112921\
Data File : VL038137.D
Acq On : 29 Nov 2021 16:17
Operator : SY/AP
Sample : M4827-01DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 30 06:21:17 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 :
IA-1DUP

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	934498	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	2544971	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	2232693	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	1713906	10.64	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	29588	0.192	ppbv		91
3) Chlorodifluoromethane	3.00	51	42771m	0.218	ppbv		
4) Chloromethane	3.15	50	30134m	0.451	ppbv		
7) Chloroethane	3.57	64	232853	10.011	ppbv		99
9) Propene	3.03	41	330809m	4.577	ppbv		
10) Heptane	8.13	43	43067m	0.241	ppbv		
11) Trichlorofluoromethane	3.96	101	29058	0.198	ppbv		86
13) Ethanol	3.64	45	17083752	2445.954	ppbv		96
15) Acetone	3.86	43	646612	7.981	ppbv		98
17) tert-Butyl alcohol	4.33	59	92135m	0.937	ppbv		
19) Isopropyl Alcohol	4.00	45	5083785	86.840	ppbv	#	99
20) Methylene Chloride	4.36	84	156283	3.444	ppbv		98
26) Hexane	5.69	57	166792	1.285	ppbv	#	49
29) Chloroform	5.76	83	932857	4.877	ppbv		99
31) cis-1,2-Dichloroethene	5.55	61	17786m	0.144	ppbv		
34) 2-Butanone	5.26	43	32955m	0.321	ppbv		
35) Carbon Tetrachloride	7.03	117	9837m	0.055	ppbv		
36) Benzene	6.90	78	217427	0.856	ppbv		94
38) Trichloroethene	7.84	130	10405m	0.109	ppbv		
42) Bromodichloromethane	7.80	83	60319	0.324	ppbv	#	99
52) Tetrachloroethene	11.23	164	3153173	33.568	ppbv		99
53) Toluene	9.81	91	121416	0.416	ppbv		99
58) Ethyl Benzene	12.71	91	48201m	0.131	ppbv		
59) m/p-Xylene	12.97	91	133756	0.431	ppbv		97
60) o-Xylene	13.69	91	55041	0.191	ppbv		94
74) 1,2,4-Trimethylbenzene	16.75	105	32588m	0.104	ppbv		

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

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