Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
Data File : VL037711.D
Acq On : 28 Sep 2021 20:40
Operator : SY/AP
Sample : M3948-02 4X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 29 20:50:13 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV2

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 09/29/2021
Supervised By :Amit Patel 10/01/2021

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1414322	10.00	ppbv		0.03
33) 1,4-Difluorobenzene	7.19	114	4139296	10.00	ppbv		0.03
55) Chlorobenzene-d5	12.09	117	3629442	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2599214	9.91	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.10%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.00	51	201159	0.754	ppbv		92
9) Propene	3.02	41	94505m	1.004	ppbv		
10) Heptane	8.13	43	36517m	0.166	ppbv		
13) Ethanol	3.62	45	106363	11.556	ppbv		99
15) Acetone	3.85	43	9250273	62.950	ppbv		99
17) tert-Butyl alcohol	4.30	59	81031	0.650	ppbv	#	92
19) Isopropyl Alcohol	3.98	45	385348	4.820	ppbv	#	89
20) Methylene Chloride	4.35	84	96760	1.379	ppbv	#	92
26) Hexane	5.69	57	111677	0.661	ppbv	#	37
29) Chloroform	5.76	83	160397m	0.650	ppbv		
32) 1,1,1-Trichloroethane	6.52	97	85572	0.372	ppbv		92
34) 2-Butanone	5.25	43	1105502	6.572	ppbv		96
35) Carbon Tetrachloride	7.02	117	9029m	0.039	ppbv		
36) Benzene	6.90	78	61794m	0.179	ppbv		
38) Trichloroethene	7.84	130	3656171	25.358	ppbv		97
51) 2-Hexanone	10.15	43	334233	3.548	ppbv	#	99
52) Tetrachloroethene	11.23	164	2880735	21.740	ppbv		98
53) Toluene	9.82	91	230427	0.601	ppbv		97
58) Ethyl Benzene	12.72	91	147139	0.305	ppbv	#	88
59) m/p-Xylene	12.97	91	519222m	1.237	ppbv		
60) o-Xylene	13.70	91	293061	0.733	ppbv		100
64) n-propylbenzene	15.57	120	26643m	0.185	ppbv		
72) 4-Ethyltoluene	15.84	105	123970	0.270	ppbv	#	94
73) 1,3,5-Trimethylbenzene	16.00	105	168084m	0.393	ppbv		
74) 1,2,4-Trimethylbenzene	16.76	105	681285	1.513	ppbv	#	75
79) Naphthalene	22.20	128	83979m	0.304	ppbv		

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

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