Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092721\
Data File : VL037683.D
Acq On : 27 Sep 2021 16:43
Operator : SY/AP
Sample : M3896-02
Misc : 400mL/MSVOA_L
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 28 20:12:53 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 1
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
MID

Manual Integrations APPROVED
MMDadoda
10/1/2021 11:05:04 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1522362	10.00	ppbv		0.02
33) 1,4-Difluorobenzene	7.19	114	4367710	10.00	ppbv		0.03
55) Chlorobenzene-d5	12.10	117	3853007	10.00	ppbv		0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2681330	9.63	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	38757	0.141	ppbv		95
4) Chloromethane	3.16	50	31838m	0.300	ppbv		
9) Propene	3.03	41	42742m	0.422	ppbv		
10) Heptane	8.13	43	75851m	0.321	ppbv		
11) Trichlorofluoromethane	3.96	101	55786	0.252	ppbv		93
13) Ethanol	3.62	45	159292	16.078	ppbv		92
15) Acetone	3.85	43	3737119	23.627	ppbv		99
18) 1,1-Dichloroethene	4.29	96	8530m	0.112	ppbv		
19) Isopropyl Alcohol	3.98	45	828170	9.623	ppbv	#	92
20) Methylene Chloride	4.35	84	371744	4.923	ppbv		95
24) 1,1-Dichloroethane	5.01	63	60063m	0.383	ppbv		
26) Hexane	5.69	57	349440	1.920	ppbv	#	31
29) Chloroform	5.76	83	28466m	0.107	ppbv		
32) 1,1,1-Trichloroethane	6.52	97	867260	3.506	ppbv		98
34) 2-Butanone	5.26	43	479551	2.702	ppbv		92
35) Carbon Tetrachloride	7.03	117	8320m	0.034	ppbv		
41) Tetrahydrofuran	6.07	42	93178m	1.117	ppbv		
51) 2-Hexanone	10.15	43	167597m	1.686	ppbv		
53) Toluene	9.82	91	361515m	0.893	ppbv		
58) Ethyl Benzene	12.72	91	182154	0.356	ppbv		99
59) m/p-Xylene	12.98	91	445187m	0.999	ppbv		
60) o-Xylene	13.70	91	246337m	0.581	ppbv		
61) Styrene	13.54	104	96130m	0.460	ppbv		
74) 1,2,4-Trimethylbenzene	16.76	105	108721m	0.227	ppbv		

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

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