Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081820\
Data File : VL035465.D
Acq On : 19 Aug 2020 11:46
Operator : SY/AP
Sample : L3730-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-2

Manual Integrations APPROVED
MMDadoda
8/20/2020 11:07:53 AM

Quant Time: Aug 20 03:25:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Aug 1
QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1053850	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	4839353	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.10	117	4828089	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.44	95	3495645	10.34	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	60043	0.307	ppbv		99
3) Chlorodifluoromethane	2.99	51	85165m	0.645	ppbv		
4) Chloromethane	3.14	50	37636	0.547	ppbv		97
9) Propene	3.02	41	48530m	0.914	ppbv		
10) Heptane	8.14	43	29571m	0.212	ppbv		
11) Trichlorofluoromethane	3.95	101	72942	0.238	ppbv		97
13) Ethanol	3.61	45	1213270	62.351	ppbv		99
15) Acetone	3.85	43	1709806	14.096	ppbv	#	82
17) tert-Butyl alcohol	4.32	59	21826m	0.139	ppbv		
19) Isopropyl Alcohol	3.98	45	3386811	40.510	ppbv	#	99
20) Methylene Chloride	4.35	84	159182	1.626	ppbv	#	64
26) Hexane	5.70	57	123489	0.927	ppbv	#	43
29) Chloroform	5.76	83	27555	0.103	ppbv		97
30) Cyclohexane	7.14	84	49391	0.334	ppbv	#	59
34) 2-Butanone	5.26	43	134290	0.831	ppbv	#	74
35) Carbon Tetrachloride	7.03	117	16487m	0.064	ppbv		
36) Benzene	6.90	78	52525	0.148	ppbv	#	90
41) Tetrahydrofuran	6.07	42	42617m	0.478	ppbv		
44) 2,2,4-Trimethylpentane	7.89	57	123625	0.267	ppbv		94
50) 4-Methyl-2-Pentanone	8.76	43	181795	0.784	ppbv	#	83
52) Tetrachloroethene	11.24	164	16303m	0.075	ppbv		
53) Toluene	9.82	91	521933	1.141	ppbv		99
58) Ethyl Benzene	12.73	91	47170	0.081	ppbv	#	86
59) m/p-Xylene	12.99	91	110842m	0.225	ppbv		
60) o-Xylene	13.72	91	44675	0.093	ppbv		89
61) Styrene	13.55	104	172517	0.446	ppbv	#	88
74) 1,2,4-Trimethylbenzene	16.79	105	82434	0.130	ppbv	#	70

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

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