Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL082020\
Data File : VL035480.D
Acq On : 20 Aug 2020 18:29
Operator : SY/AP
Sample : L3743-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSMP-4

Manual Integrations APPROVED
MMDadoda
8/21/2020 11:24:32 AM

Quant Time: Aug 21 09:31:25 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	1087255	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	5117690	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.10	117	5006532	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.44	95	3606345	10.29	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	71407m	0.354	ppbv		
4) Chloromethane	3.14	50	27606	0.389	ppbv		95
9) Propene	3.02	41	797751	14.559	ppbv	#	76
10) Heptane	8.14	43	156024	1.086	ppbv	#	74
11) Trichlorofluoromethane	3.95	101	151217	0.478	ppbv		100
13) Ethanol	3.62	45	5951241	296.442	ppbv		95
15) Acetone	3.85	43	4271658	34.134	ppbv	#	76
17) tert-Butyl alcohol	4.32	59	270861	1.675	ppbv		99
19) Isopropyl Alcohol	4.00	45	876427m	10.161	ppbv		
20) Methylene Chloride	4.35	84	2411514	23.883	ppbv	#	66
26) Hexane	5.69	57	1086937	7.909	ppbv	#	29
27) Carbon Disulfide	4.56	76	154438	0.777	ppbv	#	93
29) Chloroform	5.76	83	304143	1.102	ppbv		99
30) Cyclohexane	7.14	84	132477	0.869	ppbv	#	57
32) 1,1,1-Trichloroethane	6.52	97	32386	0.125	ppbv	#	91
34) 2-Butanone	5.26	43	872162	5.101	ppbv	#	68
35) Carbon Tetrachloride	7.03	117	30634	0.113	ppbv		87
36) Benzene	6.90	78	489262	1.303	ppbv	#	89
38) Trichloroethene	7.85	130	11145532	53.344	ppbv		90
41) Tetrahydrofuran	6.07	42	245133	2.599	ppbv	#	59
44) 2,2,4-Trimethylpentane	7.88	57	364053	0.742	ppbv		91
50) 4-Methyl-2-Pentanone	8.76	43	108519	0.442	ppbv	#	82
52) Tetrachloroethene	11.25	164	8136524	35.513	ppbv		94
53) Toluene	9.83	91	3533007	7.303	ppbv		99
58) Ethyl Benzene	12.73	91	891689	1.475	ppbv		91
59) m/p-Xylene	12.99	91	2684614	5.255	ppbv	#	83
60) o-Xylene	13.71	91	1044487	2.104	ppbv		89
61) Styrene	13.55	104	241284	0.601	ppbv	#	87
62) Isopropylbenzene	14.69	105	108806	0.134	ppbv		97
64) n-propylbenzene	15.58	120	123205	0.491	ppbv		75
65) tert-Butylbenzene	16.79	119	360634	0.456	ppbv	#	88
67) sec-Butylbenzene	17.32	105	100561	0.097	ppbv		93
69) p-Isopropyltoluene	17.68	119	166738m	0.181	ppbv		
70) n-Butylbenzene	18.58	91	433515	0.497	ppbv	#	31
72) 4-Ethyltoluene	15.86	105	764088	1.173	ppbv	#	93
73) 1,3,5-Trimethylbenzene	16.02	105	766360	1.264	ppbv		92
74) 1,2,4-Trimethylbenzene	16.78	105	2899306	4.401	ppbv	#	70
79) Naphthalene	22.23	128	1268863	1.368	ppbv		98
80) Naphthalene,2-methyl-	25.00	142	431092	1.124	ppbv		95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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