Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090820\
Data File : VL035570.D
Acq On : 9 Sep 2020 00:27
Operator : SY/AP
Sample : L3898-08
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 12 08:11:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 2
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : SS-7

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1051912	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.18	114	4383549	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.09	117	4380083	10.00	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	3328355	10.70	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	80871	0.444	ppbv		97
3) Chlorodifluoromethane	2.97	51	242377m	2.083	ppbv		
4) Chloromethane	3.12	50	35497	0.570	ppbv		98
9) Propene	3.00	41	225679	5.032	ppbv	#	81
10) Heptane	8.11	43	87426	0.726	ppbv	#	18
11) Trichlorofluoromethane	3.93	101	2690657	10.121	ppbv		100
13) Ethanol	3.61	45	1628843	146.473	ppbv		97
15) Acetone	3.83	43	9092023	78.369	ppbv	#	70
17) tert-Butyl alcohol	4.30	59	1010336	7.154	ppbv		98
19) Isopropyl Alcohol	3.98	45	693870	10.025	ppbv	#	93
20) Methylene Chloride	4.34	84	385738	4.464	ppbv		98
26) Hexane	5.68	57	354416	3.052	ppbv	#	58
27) Carbon Disulfide	4.54	76	4554549	27.330	ppbv		97
29) Chloroform	5.75	83	359910	1.521	ppbv		100
30) Cyclohexane	7.12	84	52295	0.420	ppbv	#	93
32) 1,1,1-Trichloroethane	6.51	97	10880	0.047	ppbv	#	92
34) 2-Butanone	5.24	43	669505	5.146	ppbv		99
35) Carbon Tetrachloride	7.01	117	15717m	0.071	ppbv		
36) Benzene	6.88	78	539236	1.900	ppbv		98
37) 1,2-Dichloroethane	6.30	62	24047m	0.178	ppbv		
38) Trichloroethene	7.83	130	36828	0.223	ppbv		99
40) 1,4-Dioxane	7.83	88	18464m	0.386	ppbv		
41) Tetrahydrofuran	6.05	42	16114m	0.234	ppbv		
42) Bromodichloromethane	7.80	83	23037	0.105	ppbv		91
43) Methyl Methacrylate	8.01	69	175158	1.596	ppbv	#	30
50) 4-Methyl-2-Pentanone	8.75	43	66726	0.354	ppbv		93
52) Tetrachloroethene	11.22	164	123580	0.746	ppbv		100
53) Toluene	9.81	91	1701487	4.768	ppbv		98
58) Ethyl Benzene	12.71	91	214486	0.475	ppbv		89
59) m/p-Xylene	12.97	91	597497	1.583	ppbv		96
60) o-Xylene	13.70	91	454637	1.196	ppbv		97
61) Styrene	13.53	104	111841	0.385	ppbv		99
62) Isopropylbenzene	14.67	105	438234	0.718	ppbv		93
64) n-propylbenzene	15.57	120	373427	2.004	ppbv	#	65
65) tert-Butylbenzene	16.77	119	503537	0.887	ppbv	#	72
67) sec-Butylbenzene	17.30	105	114967	0.152	ppbv		90
69) p-Isopropyltoluene	17.66	119	206085	0.311	ppbv		93
72) 4-Ethyltoluene	15.85	105	1746098	3.613	ppbv		96
73) 1,3,5-Trimethylbenzene	16.00	105	1582333	3.540	ppbv		93
74) 1,2,4-Trimethylbenzene	16.77	105	4056357	8.264	ppbv	#	75
76) 1,4-Dichlorobenzene	17.15	146	144490	0.403	ppbv		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Naphthalene	22.21	128	697234	1.280	ppbv #	94

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

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