Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
Data File : VL036190.D
Acq On : 17 Dec 2020 6:21
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 17 08:03:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 0
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
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12/17/2020 3:57:08 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1385456	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	2908639	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.11	117	2760600m	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.44	95	2418642	11.03	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 110.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	1754577	10.867	ppbv		99
3) Chlorodifluoromethane	2.99	51	1653111	10.458	ppbv		98
4) Chloromethane	3.15	50	766080	9.871	ppbv		94
5) Vinyl Chloride	3.26	62	778624	9.018	ppbv		96
6) Bromomethane	3.48	94	423896	9.515	ppbv		95
7) Chloroethane	3.56	64	254905	8.667	ppbv		95
8) Dichlorotetrafluoroethane	3.19	85	1809551	10.084	ppbv		93
9) Propene	3.01	41	753588	9.517	ppbv		95
10) Heptane	8.14	43	1911548	9.452	ppbv		100
11) Trichlorofluoromethane	3.96	101	1978530	10.423	ppbv		95
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1247716	9.678	ppbv		94
13) Ethanol	3.61	45	105371m	9.653	ppbv		
14) Bromoethene	3.74	108	505478	9.557	ppbv		99
15) Acetone	3.86	43	1492473	8.963	ppbv		99
16) 1,3-Butadiene	3.33	39	815980	9.730	ppbv		97
17) tert-Butyl alcohol	4.30	59	1463800	9.076	ppbv		99
18) 1,1-Dichloroethene	4.30	96	546893	9.554	ppbv		96
19) Isopropyl Alcohol	3.98	45	951900	9.353	ppbv	#	100
20) Methylene Chloride	4.35	84	465985	6.829	ppbv		99
21) Allyl Chloride	4.42	41	1008538	9.109	ppbv		94
22) trans-1,2-Dichloroethene	4.90	96	521191	9.095	ppbv		98
23) Vinyl Acetate	5.09	43	2143437	9.669	ppbv		99
24) 1,1-Dichloroethane	5.02	63	1487336	9.539	ppbv		98
25) Ethyl Acetate	5.69	43	3250298	9.771	ppbv		100
26) Hexane	5.70	57	1335692	8.922	ppbv		99
27) Carbon Disulfide	4.56	76	1335504	8.976	ppbv		95
28) Methyl tert-Butyl Ether	5.04	73	1949833	9.161	ppbv		98
29) Chloroform	5.77	83	2065816	10.508	ppbv		97
30) Cyclohexane	7.15	84	1049925	9.547	ppbv		96
31) cis-1,2-Dichloroethene	5.56	61	1403342	10.312	ppbv		93
32) 1,1,1-Trichloroethane	6.53	97	2001150	9.864	ppbv		97
34) 2-Butanone	5.26	43	2017791	10.458	ppbv		100
35) Carbon Tetrachloride	7.04	117	1898617	11.194	ppbv		97
36) Benzene	6.91	78	2632475	10.679	ppbv		97
37) 1,2-Dichloroethane	6.33	62	1747144	12.232	ppbv		97
38) Trichloroethene	7.85	130	810830	8.799	ppbv		89
39) 1,2-Dichloropropane	7.64	63	1071644	11.008	ppbv		90
40) 1,4-Dioxane	7.85	88	311805	10.184	ppbv	#	29
41) Tetrahydrofuran	6.07	42	1214403	10.595	ppbv		99
42) Bromodichloromethane	7.81	83	2238768	11.762	ppbv		98
43) Methyl Methacrylate	8.03	69	1208676	11.430	ppbv		99

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QLast Update : Mon Dec 07 16:56:49 2020
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.89	57	4686822	10.499	ppbv	98
45) t-1,3-Dichloropropene	9.30	75	1274126	11.728	ppbv	99
46) cis-1,3-Dichloropropene	8.72	75	1518355	11.150	ppbv	94
47) 1,1,2-Trichloroethane	9.50	97	1019420	10.885	ppbv	98
48) Dibromochloromethane	10.33	129	1580033	11.172	ppbv	99
49) Bromoform	13.07	173	1275513	11.459	ppbv	100
50) 4-Methyl-2-Pentanone	8.76	43	3221989	11.198	ppbv	99
51) 2-Hexanone	10.16	43	2624849m	11.670	ppbv	
52) Tetrachloroethene	11.25	164	791252	8.867	ppbv	95
53) Toluene	9.83	91	2931119	10.589	ppbv	100
54) 1,2-Dibromoethane	10.64	107	1504072	10.714	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.15	131	1195515	10.444	ppbv	96
57) Chlorobenzene	12.17	112	1988688	10.261	ppbv	97
58) Ethyl Benzene	12.73	91	4033919	10.663	ppbv	97
59) m/p-Xylene	13.02	91	6858944m	21.525	ppbv	
60) o-Xylene	13.72	91	3208185	10.686	ppbv	97
61) Styrene	13.55	104	2166991	11.243	ppbv	95
62) Isopropylbenzene	14.69	105	4606013	10.350	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.70	83	2201097	10.886	ppbv	100
64) n-propylbenzene	15.59	120	1119241	10.454	ppbv	85
65) tert-Butylbenzene	16.77	119	3841071	10.545	ppbv	92
66) Benzyl Chloride	17.02	91	1188658	13.106	ppbv	93
67) sec-Butylbenzene	17.32	105	5603094	10.991	ppbv	98
69) p-Isopropyltoluene	17.68	119	4403266	10.859	ppbv	96
70) n-Butylbenzene	18.58	91	4941143	12.329	ppbv	99
71) 2-Chlorotoluene	15.48	91	3757693	11.171	ppbv	96
72) 4-Ethyltoluene	15.87	105	3588231	11.034	ppbv	98
73) 1,3,5-Trimethylbenzene	16.02	105	3399927	10.946	ppbv	98
74) 1,2,4-Trimethylbenzene	16.79	105	3473886	11.142	ppbv	96
75) 1,3-Dichlorobenzene	17.02	146	1688429	10.819	ppbv	98
76) 1,4-Dichlorobenzene	17.17	146	1642489	10.337	ppbv	95
77) 1,2-Dichlorobenzene	17.85	146	1608665	10.795	ppbv	97
78) Hexachloro-1,3-Butadiene	23.40	225	1031414	8.636	ppbv	100
79) Naphthalene	22.23	128	1987386	12.540	ppbv	98
80) Naphthalene,2-methyl-	25.00	142	543743	15.343	ppbv	97
81) 1,2,4-Trichlorobenzene	21.96	180	1032204m	9.748	ppbv	

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

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