Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070820\
Data File : VL035188.D
Acq On : 8 Jul 2020 17:05
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 08 17:58:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070820AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 0
QLast Update : Wed Jul 08 07:05:23 2020
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
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7/9/2020 12:03:03 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1208264	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2893170	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2758963m	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	2253726	10.06	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.01	85	1457831	8.609	ppbv	100
3) Chlorodifluoromethane	2.94	51	1210296	9.069	ppbv	100
4) Chloromethane	3.10	50	677048	9.001	ppbv	94
5) Vinyl Chloride	3.22	62	687680	8.555	ppbv	97
6) Bromomethane	3.44	94	438665	9.616	ppbv	98
7) Chloroethane	3.52	64	258566	9.099	ppbv	98
8) Dichlorotetrafluoroethane	3.15	85	1666462	8.979	ppbv	98
9) Propene	2.97	41	482703	9.570	ppbv	98
10) Heptane	8.13	43	1388153	10.720	ppbv	99
11) Trichlorofluoromethane	3.92	101	1768999	9.251	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1243821	9.262	ppbv	100
13) Ethanol	3.57	45	109220	6.801	ppbv	95
14) Bromoethene	3.71	108	534373	9.669	ppbv	100
15) Acetone	3.82	43	1295088	7.917	ppbv	99
16) 1,3-Butadiene	3.29	39	628563	10.011	ppbv	100
17) tert-Butyl alcohol	4.26	59	1484243	10.255	ppbv	100
18) 1,1-Dichloroethene	4.26	96	564632	9.496	ppbv	96
19) Isopropyl Alcohol	3.93	45	948173	9.608	ppbv #	98
20) Methylene Chloride	4.32	84	494983	6.954	ppbv	97
21) Allyl Chloride	4.39	41	921371	9.677	ppbv	99
22) trans-1,2-Dichloroethene	4.86	96	570822	9.616	ppbv	98
23) Vinyl Acetate	5.06	43	1762694	9.955	ppbv	97
24) 1,1-Dichloroethane	4.99	63	1413720	9.297	ppbv	99
25) Ethyl Acetate	5.66	43	2436901	9.600	ppbv	100
26) Hexane	5.68	57	1082687	9.673	ppbv	99
27) Carbon Disulfide	4.53	76	1567697	10.030	ppbv	100
28) Methyl tert-Butyl Ether	5.01	73	1678574	9.843	ppbv	100
29) Chloroform	5.74	83	1753986	9.347	ppbv	96
30) Cyclohexane	7.13	84	912049	11.013	ppbv	100
31) cis-1,2-Dichloroethene	5.54	61	1078189	10.184	ppbv	93
32) 1,1,1-Trichloroethane	6.51	97	1736291	9.232	ppbv	99
34) 2-Butanone	5.23	43	1515184	9.812	ppbv	99
35) Carbon Tetrachloride	7.02	117	1823988	9.712	ppbv	97
36) Benzene	6.90	78	2116787	10.109	ppbv	98
37) 1,2-Dichloroethane	6.30	62	1373517	9.774	ppbv	99
38) Trichloroethene	7.84	130	875848	10.265	ppbv	98
39) 1,2-Dichloropropane	7.62	63	842091	10.112	ppbv	99
40) 1,4-Dioxane	7.84	88	322426	9.726	ppbv #	1
41) Tetrahydrofuran	6.04	42	824520	10.671	ppbv	99
42) Bromodichloromethane	7.80	83	1916471	10.213	ppbv	99
43) Methyl Methacrylate	8.02	69	1002003	11.320	ppbv	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	3737924	10.342	ppbv		100
45) t-1,3-Dichloropropene	9.30	75	1114359	11.983	ppbv		99
46) cis-1,3-Dichloropropene	8.72	75	1304359	11.831	ppbv		99
47) 1,1,2-Trichloroethane	9.49	97	930610	10.210	ppbv		97
48) Dibromochloromethane	10.33	129	1589673	10.719	ppbv		99
49) Bromoform	13.08	173	1429962	11.022	ppbv		99
50) 4-Methyl-2-Pentanone	8.75	43	2362553	10.660	ppbv		100
51) 2-Hexanone	10.15	43	1940911	11.485	ppbv	#	99
52) Tetrachloroethene	11.25	164	782398	10.004	ppbv		98
53) Toluene	9.83	91	2518827	11.398	ppbv		99
54) 1,2-Dibromoethane	10.64	107	1418284	10.485	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.16	131	1204872	9.857	ppbv		98
57) Chlorobenzene	12.18	112	1988173	9.777	ppbv		98
58) Ethyl Benzene	12.74	91	3462649	11.355	ppbv		98
59) m/p-Xylene	13.02	91	5850571m	21.526	ppbv		
60) o-Xylene	13.73	91	2905411	10.715	ppbv		100
61) Styrene	13.56	104	2040768	12.180	ppbv		99
62) Isopropylbenzene	14.70	105	4295782	10.688	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.72	83	2111153	9.317	ppbv		100
64) n-propylbenzene	15.60	120	1136308	10.944	ppbv		98
65) tert-Butylbenzene	16.79	119	3808252	10.550	ppbv		99
66) Benzyl Chloride	17.04	91	1611663	12.532	ppbv		99
67) sec-Butylbenzene	17.34	105	5488342	10.429	ppbv		100
69) p-Isopropyltoluene	17.70	119	4557654	11.050	ppbv		100
70) n-Butylbenzene	18.59	91	4806132	10.990	ppbv		100
71) 2-Chlorotoluene	15.49	91	3342331	10.990	ppbv		100
72) 4-Ethyltoluene	15.88	105	3450180	11.292	ppbv		100
73) 1,3,5-Trimethylbenzene	16.03	105	3271076	11.102	ppbv		100
74) 1,2,4-Trimethylbenzene	16.80	105	3409922	10.473	ppbv		96
75) 1,3-Dichlorobenzene	17.04	146	1962508	9.518	ppbv		99
76) 1,4-Dichlorobenzene	17.18	146	1965826	10.259	ppbv		100
77) 1,2-Dichlorobenzene	17.86	146	1893510	10.199	ppbv		98
78) Hexachloro-1,3-Butadiene	23.42	225	1356295	9.245	ppbv		100
79) Naphthalene	22.26	128	2779141	13.191	ppbv		98
80) Naphthalene,2-methyl-	25.01	142	972389	19.539	ppbv		100
81) 1,2,4-Trichlorobenzene	21.99	180	1559465	11.684	ppbv		100

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

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