Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030920\
Data File : VL034861.D
Acq On : 10 Mar 2020 8:58
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 11 05:44:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 0
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	903718	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2041870	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2109475m	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	1664610	10.12	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.01	85	936698	7.569	ppbv	98
3) Chlorodifluoromethane	2.94	51	930089	9.213	ppbv	97
4) Chloromethane	3.10	50	553771	9.706	ppbv	97
5) Vinyl Chloride	3.21	62	521661	9.510	ppbv	95
6) Bromomethane	3.44	94	309965	9.707	ppbv	97
7) Chloroethane	3.52	64	190336	9.609	ppbv	94
8) Dichlorotetrafluoroethane	3.15	85	1171469	9.115	ppbv	99
9) Propene	2.97	41	433886	9.002	ppbv	100
10) Heptane	8.12	43	1150260	9.697	ppbv	99
11) Trichlorofluoromethane	3.92	101	1229208	9.336	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.46	101	861471	9.349	ppbv	97
13) Ethanol	3.57	45	129921	8.866	ppbv	97
14) Bromoethene	3.71	108	380673	9.566	ppbv	98
15) Acetone	3.82	43	1092821	9.330	ppbv	100
16) 1,3-Butadiene	3.29	39	499119	9.423	ppbv	99
17) tert-Butyl alcohol	4.27	59	1116305	9.892	ppbv	99
18) 1,1-Dichloroethene	4.26	96	383833	9.406	ppbv	95
19) Isopropyl Alcohol	3.94	45	764006	10.329	ppbv #	40
20) Methylene Chloride	4.32	84	337250	9.107	ppbv	96
21) Allyl Chloride	4.38	41	721721	9.594	ppbv	99
22) trans-1,2-Dichloroethene	4.86	96	394740	9.535	ppbv	94
23) Vinyl Acetate	5.05	43	1678518	9.701	ppbv	99
24) 1,1-Dichloroethane	4.99	63	1079100	9.303	ppbv	99
25) Ethyl Acetate	5.66	43	1926722	9.233	ppbv	99
26) Hexane	5.67	57	840473	9.353	ppbv	100
27) Carbon Disulfide	4.52	76	1011779	9.922	ppbv	99
28) Methyl tert-Butyl Ether	5.01	73	1367096	9.144	ppbv	99
29) Chloroform	5.74	83	1286722	9.385	ppbv	96
30) Cyclohexane	7.13	84	714663	9.532	ppbv	100
31) cis-1,2-Dichloroethene	5.53	61	866326	9.427	ppbv	98
32) 1,1,1-Trichloroethane	6.51	97	1268741	9.497	ppbv	99
34) 2-Butanone	5.22	43	1292036	9.522	ppbv	100
35) Carbon Tetrachloride	7.02	117	1314327	10.349	ppbv	97
36) Benzene	6.89	78	1714452	9.420	ppbv	98
37) 1,2-Dichloroethane	6.30	62	999119	9.736	ppbv	99
38) Trichloroethene	7.84	130	649100	9.391	ppbv	98
39) 1,2-Dichloropropane	7.62	63	671001	9.305	ppbv	95
40) 1,4-Dioxane	7.83	88	250186	9.187	ppbv #	96
41) Tetrahydrofuran	6.04	42	727634	9.910	ppbv	99
42) Bromodichloromethane	7.80	83	1350265	9.654	ppbv	99
43) Methyl Methacrylate	8.02	69	774903	10.106	ppbv	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	2916272	9.482	ppbv		99
45) t-1,3-Dichloropropene	9.29	75	935678	10.387	ppbv		99
46) cis-1,3-Dichloropropene	8.71	75	1081112	10.099	ppbv		96
47) 1,1,2-Trichloroethane	9.49	97	694924	9.391	ppbv		97
48) Dibromochloromethane	10.32	129	1146786	9.569	ppbv		99
49) Bromoform	13.07	173	1010724	9.459	ppbv		99
50) 4-Methyl-2-Pentanone	8.75	43	1890878	9.680	ppbv		100
51) 2-Hexanone	10.14	43	1551882	9.776	ppbv	#	99
52) Tetrachloroethene	11.24	164	614263	8.531	ppbv		96
53) Toluene	9.82	91	1992001	9.478	ppbv		100
54) 1,2-Dibromoethane	10.63	107	1046037	9.390	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.15	131	873628	9.220	ppbv		97
57) Chlorobenzene	12.17	112	1467300	8.890	ppbv		97
58) Ethyl Benzene	12.73	91	2614087	9.151	ppbv		98
59) m/p-Xylene	13.02	91	4253778m	17.774	ppbv		
60) o-Xylene	13.72	91	2085083	8.923	ppbv		99
61) Styrene	13.55	104	1570247	9.575	ppbv		99
62) Isopropylbenzene	14.70	105	3123419	8.840	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.70	83	1411436	8.897	ppbv		99
64) n-propylbenzene	15.59	120	823973	8.960	ppbv		96
65) tert-Butylbenzene	16.78	119	2726057	8.826	ppbv		99
66) Benzyl Chloride	17.02	91	1367940	10.621	ppbv		99
67) sec-Butylbenzene	17.33	105	3854122	8.999	ppbv		99
69) p-Isopropyltoluene	17.69	119	3242975	9.030	ppbv		99
70) n-Butylbenzene	18.59	91	3378866	9.221	ppbv		99
71) 2-Chlorotoluene	15.49	91	2385734	8.916	ppbv		99
72) 4-Ethyltoluene	15.87	105	2515687	9.116	ppbv		99
73) 1,3,5-Trimethylbenzene	16.03	105	2363122	9.147	ppbv		97
74) 1,2,4-Trimethylbenzene	16.80	105	2437026	9.157	ppbv		98
75) 1,3-Dichlorobenzene	17.03	146	1420987	8.855	ppbv		99
76) 1,4-Dichlorobenzene	17.18	146	1454808	9.084	ppbv		100
77) 1,2-Dichlorobenzene	17.86	146	1417141	9.110	ppbv		99
78) Hexachloro-1,3-Butadiene	23.42	225	1279360	9.847	ppbv		100
79) Naphthalene	22.25	128	2547385	12.273	ppbv		99
80) Naphthalene,2-methyl-	25.01	142	1077159	19.858	ppbv		99
81) 1,2,4-Trichlorobenzene	21.98	180	1456328	11.044	ppbv		99

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

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