Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092419\
Data File : VL034203.D
Acq On : 24 Sep 2019 16:34
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 25 06:59:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 1
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
9/26/2019 12:39:37 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1121553	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1979466	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.17	117	2096521m	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.50	95	1790785	9.83	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	1287741	7.773	ppbv	99
3) Chlorodifluoromethane	2.97	51	1226069	9.324	ppbv	100
4) Chloromethane	3.12	50	755579	9.777	ppbv	96
5) Vinyl Chloride	3.24	62	671252	9.505	ppbv	98
6) Bromomethane	3.46	94	332814	10.101	ppbv	97
7) Chloroethane	3.55	64	240913	9.760	ppbv	94
8) Dichlorotetrafluoroethane	3.17	85	1397501	9.558	ppbv	99
9) Propene	2.99	41	634484	9.779	ppbv	99
10) Heptane	8.17	43	1630807	9.645	ppbv	99
11) Trichlorofluoromethane	3.95	101	1460362	9.684	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	969654	9.826	ppbv	99
13) Ethanol	3.60	45	139481	8.878	ppbv	100
14) Bromoethene	3.74	108	415548	10.299	ppbv	99
15) Acetone	3.85	43	1246600	8.293	ppbv	100
16) 1,3-Butadiene	3.31	39	652951	9.953	ppbv	100
17) tert-Butyl alcohol	4.30	59	1136147	11.929	ppbv	100
18) 1,1-Dichloroethene	4.29	96	441082	10.247	ppbv	97
19) Isopropyl Alcohol	3.97	45	961396	10.401	ppbv #	99
20) Methylene Chloride	4.35	84	416227	9.604	ppbv	98
21) Allyl Chloride	4.42	41	860106	10.130	ppbv	99
22) trans-1,2-Dichloroethene	4.90	96	439909	10.215	ppbv	96
23) Vinyl Acetate	5.09	43	2156834	9.737	ppbv	99
24) 1,1-Dichloroethane	5.03	63	1403196	9.408	ppbv	98
25) Ethyl Acetate	5.71	43	2635313	9.271	ppbv	100
26) Hexane	5.72	57	1131254	9.567	ppbv	98
27) Carbon Disulfide	4.56	76	1181990	10.839	ppbv	99
28) Methyl tert-Butyl Ether	5.05	73	1809227	10.302	ppbv	99
29) Chloroform	5.79	83	1635831	9.681	ppbv	99
30) Cyclohexane	7.18	84	852707	9.989	ppbv	99
31) cis-1,2-Dichloroethene	5.58	61	1195605	9.919	ppbv	98
32) 1,1,1-Trichloroethane	6.55	97	1552337	9.526	ppbv	98
34) 2-Butanone	5.27	43	1812155	8.966	ppbv	98
35) Carbon Tetrachloride	7.06	117	1523307	9.263	ppbv	99
36) Benzene	6.94	78	2055776	9.403	ppbv	99
37) 1,2-Dichloroethane	6.35	62	1425271	9.166	ppbv	100
38) Trichloroethene	7.89	130	691570	8.853	ppbv	98
39) 1,2-Dichloropropane	7.67	63	922548	9.392	ppbv	97
40) 1,4-Dioxane	7.88	88	309417	9.734	ppbv #	88
41) Tetrahydrofuran	6.08	42	1108847	9.741	ppbv	99
42) Bromodichloromethane	7.85	83	1788075	9.582	ppbv	97
43) Methyl Methacrylate	8.07	69	896017	9.921	ppbv	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.92	57	3809269	9.051	ppbv		99
45) t-1,3-Dichloropropene	9.34	75	1167026	10.929	ppbv		100
46) cis-1,3-Dichloropropene	8.76	75	1318609	10.266	ppbv		97
47) 1,1,2-Trichloroethane	9.54	97	816521	9.257	ppbv		97
48) Dibromochloromethane	10.38	129	1354112	9.686	ppbv		100
49) Bromoform	13.12	173	1113871	9.846	ppbv		99
50) 4-Methyl-2-Pentanone	8.80	43	2670093	9.077	ppbv		100
51) 2-Hexanone	10.20	43	2274193	9.213	ppbv	#	99
52) Tetrachloroethene	11.30	164	644146	8.918	ppbv		97
53) Toluene	9.87	91	2294270	9.602	ppbv		99
54) 1,2-Dibromoethane	10.68	107	1232186	9.394	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.20	131	878641	9.397	ppbv		98
57) Chlorobenzene	12.23	112	1598394	8.757	ppbv		99
58) Ethyl Benzene	12.79	91	3086372	9.124	ppbv		99
59) m/p-Xylene	13.08	91	4987408m	17.800	ppbv		
60) o-Xylene	13.77	91	2483836	8.865	ppbv		100
61) Styrene	13.61	104	1879699	9.366	ppbv		99
62) Isopropylbenzene	14.75	105	3205823	8.839	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.76	83	1817553	7.911	ppbv		99
64) n-propylbenzene	15.65	120	814543	8.877	ppbv		90
65) tert-Butylbenzene	16.83	119	2713514	8.563	ppbv		99
66) Benzyl Chloride	17.09	91	1290252	11.508	ppbv		99
67) sec-Butylbenzene	17.38	105	3936933	8.688	ppbv		99
69) p-Isopropyltoluene	17.74	119	3184283	8.678	ppbv		100
70) n-Butylbenzene	18.64	91	3620452	8.473	ppbv		99
71) 2-Chlorotoluene	15.54	91	2636471	8.897	ppbv		100
72) 4-Ethyltoluene	15.93	105	2854110	9.017	ppbv		100
73) 1,3,5-Trimethylbenzene	16.08	105	2719804	8.894	ppbv		97
74) 1,2,4-Trimethylbenzene	16.85	105	2738125	8.433	ppbv		98
75) 1,3-Dichlorobenzene	17.09	146	1472619	8.453	ppbv		98
76) 1,4-Dichlorobenzene	17.23	146	1487028	8.335	ppbv		99
77) 1,2-Dichlorobenzene	17.91	146	1449884	8.223	ppbv		100
78) Hexachloro-1,3-Butadiene	23.47	225	1105549	9.466	ppbv		98
79) Naphthalene	22.32	128	2457220	8.596	ppbv		98
80) Naphthalene,2-methyl-	25.05	142	1086471	8.173	ppbv		99
81) 1,2,4-Trichlorobenzene	22.05	180	1331678	8.410	ppbv		100

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

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