Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090519\
Data File : VL034129.D
Acq On : 5 Sep 2019 10:11
Operator : SY/AP
Sample : VL0905ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 06 04:20:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 0
QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : VL0905ABS01

Manual Integrations APPROVED
MMDadoda
9/12/2019 5:15:05 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1075605	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.24	114	2029335	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.18	117	2223265m	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.51	95	1757041	9.67	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	1682283	9.482	ppbv	99
3) Chlorodifluoromethane	2.98	51	1146615m	9.563	ppbv	
4) Chloromethane	3.13	50	713915	9.524	ppbv	97
5) Vinyl Chloride	3.25	62	621133	9.097	ppbv	99
6) Bromomethane	3.47	94	309869	9.196	ppbv	93
7) Chloroethane	3.56	64	220871	9.495	ppbv	97
8) Dichlorotetrafluoroethane	3.18	85	1278862	8.956	ppbv	99
9) Propene	3.00	41	614743	9.164	ppbv	98
10) Heptane	8.19	43	1606598	9.228	ppbv	99
11) Trichlorofluoromethane	3.96	101	1320806	9.129	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.50	101	881573	9.107	ppbv	100
13) Ethanol	3.61	45	98397	7.487	ppbv	99
14) Bromoethene	3.74	108	388785	9.277	ppbv	99
15) Acetone	3.86	43	1123882	8.670	ppbv	99
16) 1,3-Butadiene	3.32	39	624866	9.518	ppbv	97
17) tert-Butyl alcohol	4.31	59	784625	8.338	ppbv	100
18) 1,1-Dichloroethene	4.30	96	413393	9.348	ppbv	96
19) Isopropyl Alcohol	3.98	45	696780	7.963	ppbv	100
20) Methylene Chloride	4.36	84	370308	8.640	ppbv	96
21) Allyl Chloride	4.43	41	821121	9.608	ppbv	98
22) trans-1,2-Dichloroethene	4.91	96	408922	9.238	ppbv	99
23) Vinyl Acetate	5.10	43	2084220	9.477	ppbv	99
24) 1,1-Dichloroethane	5.04	63	1335748	9.151	ppbv	98
25) Ethyl Acetate	5.72	43	2490315	8.752	ppbv	100
26) Hexane	5.72	57	1057930	8.362	ppbv	100
27) Carbon Disulfide	4.57	76	1117752	9.790	ppbv	100
28) Methyl tert-Butyl Ether	5.06	73	1688372	9.108	ppbv	100
29) Chloroform	5.80	83	1568557	9.192	ppbv	98
30) Cyclohexane	7.19	84	855492	9.353	ppbv	98
31) cis-1,2-Dichloroethene	5.59	61	1144907	9.450	ppbv	98
32) 1,1,1-Trichloroethane	6.56	97	1464270	9.083	ppbv	98
34) 2-Butanone	5.27	43	1787635	9.163	ppbv	99
35) Carbon Tetrachloride	7.07	117	1426683	9.017	ppbv	98
36) Benzene	6.95	78	2100380	9.055	ppbv	97
37) 1,2-Dichloroethane	6.36	62	1332118	9.362	ppbv	99
38) Trichloroethene	7.90	130	673402	7.780	ppbv	94
39) 1,2-Dichloropropane	7.68	63	894448	9.011	ppbv	93
40) 1,4-Dioxane	7.89	88	277939	7.619	ppbv #	97
41) Tetrahydrofuran	6.09	42	1105097	9.448	ppbv	98
42) Bromodichloromethane	7.86	83	1733835	9.349	ppbv	99
43) Methyl Methacrylate	8.08	69	899966	9.418	ppbv	96

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
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9/12/2019 5:15:05 AM

Quant Time: Sep 06 04:20:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 0
QLast Update : Thu Sep 05 10:21:45 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.93	57	3698703	8.649	ppbv		99
45) t-1,3-Dichloropropene	9.35	75	1183540	10.538	ppbv		97
46) cis-1,3-Dichloropropene	8.78	75	1332329	9.751	ppbv		99
47) 1,1,2-Trichloroethane	9.55	97	827657	9.152	ppbv		96
48) Dibromochloromethane	10.39	129	1312733	9.728	ppbv		99
49) Bromoform	13.14	173	1130015	9.551	ppbv		99
50) 4-Methyl-2-Pentanone	8.81	43	2603209	8.744	ppbv		99
51) 2-Hexanone	10.21	43	2273678	8.841	ppbv		99
52) Tetrachloroethene	11.31	164	666797	8.152	ppbv		97
53) Toluene	9.88	91	2313780	9.019	ppbv		100
54) 1,2-Dibromoethane	10.70	107	1227188	9.109	ppbv		100
56) 1,1,1,2-Tetrachloroethane	12.22	131	836653	8.774	ppbv	#	61
57) Chlorobenzene	12.24	112	1612549	8.432	ppbv		97
58) Ethyl Benzene	12.80	91	3125840	8.574	ppbv		96
59) m/p-Xylene	13.09	91	5007531m	16.838	ppbv		
60) o-Xylene	13.79	91	2444148	8.251	ppbv		100
61) Styrene	13.62	104	1936836	8.742	ppbv		99
62) Isopropylbenzene	14.76	105	3175374	8.239	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.77	83	1775378	7.355	ppbv		100
64) n-propylbenzene	15.66	120	836881	8.668	ppbv		97
65) tert-Butylbenzene	16.84	119	2656444	7.986	ppbv		99
66) Benzyl Chloride	17.09	91	1322982	10.788	ppbv		99
67) sec-Butylbenzene	17.40	105	3840805	8.030	ppbv		99
69) p-Isopropyltoluene	17.75	119	3102185	8.106	ppbv		100
70) n-Butylbenzene	18.65	91	3504272	8.048	ppbv		99
71) 2-Chlorotoluene	15.55	91	2651667	8.422	ppbv		99
72) 4-Ethyltoluene	15.94	105	2827306	8.460	ppbv		99
73) 1,3,5-Trimethylbenzene	16.10	105	2697745	8.306	ppbv		100
74) 1,2,4-Trimethylbenzene	16.86	105	2664310	7.966	ppbv	#	93
75) 1,3-Dichlorobenzene	17.10	146	1449195	8.177	ppbv		99
76) 1,4-Dichlorobenzene	17.24	146	1509657	8.128	ppbv		100
77) 1,2-Dichlorobenzene	17.92	146	1452527	8.006	ppbv		98
78) Hexachloro-1,3-Butadiene	23.48	225	958593	7.744	ppbv		99
79) Naphthalene	22.33	128	2567596	8.491	ppbv		98
80) Naphthalene,2-methyl-	25.06	142	1519178	14.474	ppbv		100
81) 1,2,4-Trichlorobenzene	22.06	180	1382329	8.402	ppbv		98

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

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