Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL010816\
Data File : VL026657.D
Acq On : 9 Jan 2016 1:36
Operator : SY/AP
Sample : VL0108ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0108ABS01

Manual Integrations APPROVED
MMdadoda
1/14/2016 10:51:12 AM

Quant Time: Jan 12 03:48:59 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL010816AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 1
QLast Update : Mon Jan 11 17:14:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.63	49	734119	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.31	114	2304009	10.00	ppbv		0.00
55) Chlorobenzene-d5	13.72	117	2935833m	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.26	95	2510777	10.73	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.63	85	1496062	7.67	ppbv		99
3) Chlorodifluoromethane	3.56	51	899948	9.21	ppbv		96
4) Chloromethane	3.73	50	438794	9.18	ppbv		99
5) Vinyl Chloride	3.87	62	511662	8.84	ppbv		97
6) Bromomethane	4.12	94	428396	10.39	ppbv		100
7) Chloroethane	4.22	64	229543	9.81	ppbv		99
8) Dichlorotetrafluoroethane	3.79	85	1555197	10.14	ppbv		100
9) Propene	3.58	41	304921	8.68	ppbv		99
10) Heptane	9.33	43	1165205	8.90	ppbv		96
11) Trichlorofluoromethane	4.68	101	2189763	10.82	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	5.29	101	1284746	10.33	ppbv		98
13) Ethanol	4.31	45	28901m	4.33	ppbv		
14) Bromoethene	4.43	108	455786	10.18	ppbv		98
15) Acetone	4.58	43	1053269	8.72	ppbv		98
16) 1,3-Butadiene	3.95	39	452571	9.39	ppbv		100
17) tert-Butyl alcohol	5.10	59	964365	10.59	ppbv		100
18) 1,1-Dichloroethene	5.07	96	528264	10.19	ppbv		97
19) Isopropyl Alcohol	4.73	45	371490	7.46	ppbv	#	98
20) Methylene Chloride	5.14	84	475993	9.61	ppbv		96
21) Allyl Chloride	5.21	41	698481	9.43	ppbv		91
22) trans-1,2-Dichloroethene	5.74	96	579761	9.79	ppbv		95
23) Vinyl Acetate	5.96	43	1593026	8.59	ppbv		98
24) 1,1-Dichloroethane	5.89	63	1300340	9.72	ppbv		97
25) Ethyl Acetate	6.65	43	1682617	9.03	ppbv		99
26) Hexane	6.64	57	879888	9.13	ppbv		95
27) Carbon Disulfide	5.37	76	1517196	10.59	ppbv		96
28) Methyl tert-Butyl Ether	5.93	73	1937661	10.11	ppbv		97
29) Chloroform	6.73	83	1735206	9.92	ppbv		100
30) Cyclohexane	8.26	84	934640	9.82	ppbv		95
31) cis-1,2-Dichloroethene	6.50	61	937935	9.65	ppbv		99
32) 1,1,1-Trichloroethane	7.58	97	1899498	9.62	ppbv		99
34) 2-Butanone	6.18	43	988633	8.05	ppbv		97
35) Carbon Tetrachloride	8.14	117	1931615	9.53	ppbv		97
36) Benzene	8.01	78	2068398	8.72	ppbv		98
37) 1,2-Dichloroethane	7.35	62	1543778	9.52	ppbv		99
38) Trichloroethene	9.04	130	872153	8.24	ppbv		99
39) 1,2-Dichloropropane	8.81	63	700537	8.55	ppbv		91
40) 1,4-Dioxane	9.10	88	102921	5.46	ppbv	#	1
41) Tetrahydrofuran	7.10	42	517362	8.51	ppbv		97
42) Bromodichloromethane	9.01	83	2007247	9.58	ppbv		99
43) Methyl Methacrylate	9.24	69	820105	9.47	ppbv		96

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 1
QLast Update : Mon Jan 11 17:14:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	9.06	57	3203919	8.37	ppbv		98
45) t-1,3-Dichloropropene	10.63	75	1434653	10.23	ppbv		98
46) cis-1,3-Dichloropropene	10.00	75	1545760	9.69	ppbv		97
47) 1,1,2-Trichloroethane	10.86	97	1039278	8.89	ppbv		97
48) Dibromochloromethane	11.78	129	1738306	9.92	ppbv		99
49) Bromoform	14.79	173	1415563	9.90	ppbv		99
50) 4-Methyl-2-Pentanone	10.06	43	1518552	8.80	ppbv		99
51) 2-Hexanone	11.59	43	1492533	9.38	ppbv	#	100
52) Tetrachloroethene	12.77	164	987602	8.33	ppbv		98
53) Toluene	11.21	91	3110464	9.31	ppbv		99
54) 1,2-Dibromoethane	12.12	107	1674374	9.05	ppbv		97
56) 1,1,1,2-Tetrachloroethane	13.76	131	1291833	9.56	ppbv		99
57) Chlorobenzene	13.79	112	2605326	8.62	ppbv		99
58) Ethyl Benzene	14.39	91	4999761	9.53	ppbv		100
59) m/p-Xylene	14.69	91	7799695m	18.05	ppbv		
60) o-Xylene	15.47	91	4084511	8.75	ppbv		100
61) Styrene	15.29	104	1869312	10.24	ppbv		99
62) Isopropylbenzene	16.52	105	5765086	9.32	ppbv		100
63) 1,1,2,2-Tetrachloroethane	15.46	83	2462514	7.07	ppbv		99
64) n-propylbenzene	17.49	120	1536454	9.26	ppbv		98
65) tert-Butylbenzene	18.78	119	4966182	8.77	ppbv		99
66) Benzyl Chloride	19.08	91	1910782	9.44	ppbv		99
67) sec-Butylbenzene	19.39	105	7662234	9.12	ppbv		100
69) p-Isopropyltoluene	19.77	119	6041121	9.39	ppbv		99
70) n-Butylbenzene	20.73	91	6259774	9.36	ppbv		100
71) 2-Chlorotoluene	17.40	91	4524486	9.40	ppbv		98
72) 4-Ethyltoluene	17.80	105	4993493	9.56	ppbv		100
73) 1,3,5-Trimethylbenzene	17.96	105	4613384	9.32	ppbv		99
74) 1,2,4-Trimethylbenzene	18.81	105	4485762	8.54	ppbv		96
75) 1,3-Dichlorobenzene	19.10	146	2805349	8.64	ppbv		99
76) 1,4-Dichlorobenzene	19.25	146	2901409	8.71	ppbv		100
77) 1,2-Dichlorobenzene	20.00	146	2867921	8.70	ppbv		99
78) Hexachloro-1,3-Butadiene	24.66	225	1002843	7.46	ppbv		99
79) Naphthalene	23.91	128	2636544	7.43	ppbv		99
80) Naphthalene,2-methyl-	26.03	142	357664	6.50	ppbv		98
81) 1,2,4-Trichlorobenzene	23.71	180	1268042	7.85	ppbv		99

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

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