Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL010816\
Data File : VL026664.D
Acq On : 9 Jan 2016 7:03
Operator : SY/AP
Sample : H1002-20
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-6

Manual Integrations APPROVED
MMdadoda
1/14/2016 10:51:21 AM

Quant Time: Jan 12 05:02:16 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	635426	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.30	114	2070383	10.00	ppbv		-0.01
55) Chlorobenzene-d5	13.72	117	2839007	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.25	95	2335673	10.32	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.63	85	85381	0.51	ppbv		99
3) Chlorodifluoromethane	3.56	51	42612	0.50	ppbv		99
4) Chloromethane	3.74	50	16362	0.40	ppbv		98
5) Vinyl Chloride	3.88	62	19601m	0.39	ppbv		
6) Bromomethane	4.14	94	16711	0.47	ppbv		99
7) Chloroethane	4.22	64	9372	0.46	ppbv	#	87
8) Dichlorotetrafluoroethane	3.79	85	63035	0.47	ppbv		98
9) Propene	3.58	41	10984	0.36	ppbv		99
10) Heptane	9.33	43	42265	0.37	ppbv		94
11) Trichlorofluoromethane	4.68	101	93512	0.53	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	5.29	101	50406	0.47	ppbv		94
13) Ethanol	4.34	45	2836m	0.49	ppbv		
14) Bromoethene	4.44	108	17316	0.45	ppbv	#	97
15) Acetone	4.61	43	57973m	0.55	ppbv		
16) 1,3-Butadiene	3.96	39	17574m	0.42	ppbv		
17) tert-Butyl alcohol	5.15	59	34273m	0.43	ppbv		
18) 1,1-Dichloroethene	5.07	96	20683	0.46	ppbv		91
19) Isopropyl Alcohol	4.76	45	17649	0.41	ppbv	#	1
20) Methylene Chloride	5.14	84	22271m	0.52	ppbv		
21) Allyl Chloride	5.21	41	27857	0.43	ppbv	#	72
22) trans-1,2-Dichloroethene	5.75	96	20861	0.41	ppbv	#	95
23) Vinyl Acetate	5.97	43	48512	0.30	ppbv	#	88
24) 1,1-Dichloroethane	5.89	63	51064	0.44	ppbv		98
25) Ethyl Acetate	6.67	43	35687m	0.22	ppbv		
26) Hexane	6.63	57	32367	0.39	ppbv		90
27) Carbon Disulfide	5.38	76	57218	0.46	ppbv	#	82
28) Methyl tert-Butyl Ether	5.96	73	59861	0.36	ppbv		97
29) Chloroform	6.71	83	75274	0.50	ppbv		90
30) Cyclohexane	8.26	84	33625m	0.41	ppbv		
31) cis-1,2-Dichloroethene	6.49	61	30647	0.36	ppbv		99
32) 1,1,1-Trichloroethane	7.57	97	78770	0.46	ppbv		97
34) 2-Butanone	6.20	43	40237m	0.36	ppbv		
35) Carbon Tetrachloride	8.14	117	73538	0.40	ppbv		94
36) Benzene	7.99	78	70505	0.33	ppbv		97
37) 1,2-Dichloroethane	7.35	62	61050	0.42	ppbv		100
38) Trichloroethene	9.04	130	35637	0.37	ppbv		94
39) 1,2-Dichloropropane	8.80	63	27974	0.38	ppbv		90
40) 1,4-Dioxane	9.15	88	5179	0.31	ppbv	#	1
41) Tetrahydrofuran	7.14	42	14371m	0.26	ppbv		
42) Bromodichloromethane	9.00	83	77728	0.41	ppbv	#	97
43) Methyl Methacrylate	9.25	69	22631	0.29	ppbv		93

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Quant Time: Jan 12 05:02:16 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)
44) 2,2,4-Trimethylpentane	9.06	57	113979	0.33	ppbv		95
45) t-1,3-Dichloropropene	10.63	75	35432	0.28	ppbv		99
46) cis-1,3-Dichloropropene	9.99	75	40853	0.29	ppbv		88
47) 1,1,2-Trichloroethane	10.85	97	42891m	0.41	ppbv		
48) Dibromochloromethane	11.77	129	63599	0.40	ppbv		100
49) Bromoform	14.79	173	53210	0.41	ppbv		99
50) 4-Methyl-2-Pentanone	10.08	43	44495	0.29	ppbv		94
51) 2-Hexanone	11.62	43	35005	0.24	ppbv	#	93
52) Tetrachloroethene	12.77	164	43325	0.41	ppbv	#	92
53) Toluene	11.21	91	94009	0.31	ppbv		92
54) 1,2-Dibromoethane	12.12	107	71369	0.43	ppbv		98
56) 1,1,1,2-Tetrachloroethane	13.76	131	57670	0.44	ppbv	#	1
57) Chlorobenzene	13.79	112	132241	0.45	ppbv	#	87
58) Ethyl Benzene	14.39	91	162577	0.32	ppbv		100
59) m/p-Xylene	14.69	91	313439m	0.75	ppbv		
60) o-Xylene	15.46	91	192609	0.43	ppbv		99
61) Styrene	15.30	104	52288	0.30	ppbv		97
62) Isopropylbenzene	16.52	105	238747	0.40	ppbv		98
63) 1,1,2,2-Tetrachloroethane	15.45	83	150938	0.45	ppbv		97
64) n-propylbenzene	17.49	120	65259	0.41	ppbv		98
65) tert-Butylbenzene	18.78	119	234078	0.43	ppbv		92
66) Benzyl Chloride	19.08	91	62934	0.32	ppbv	#	98
67) sec-Butylbenzene	19.38	105	327637	0.40	ppbv		100
69) p-Isopropyltoluene	19.76	119	228670	0.37	ppbv		97
70) n-Butylbenzene	20.74	91	229748	0.36	ppbv		94
71) 2-Chlorotoluene	17.40	91	149838	0.32	ppbv		97
72) 4-Ethyltoluene	17.80	105	172937	0.34	ppbv		96
73) 1,3,5-Trimethylbenzene	17.96	105	183831	0.38	ppbv		99
74) 1,2,4-Trimethylbenzene	18.80	105	222120	0.44	ppbv		96
75) 1,3-Dichlorobenzene	19.09	146	139616	0.44	ppbv		97
76) 1,4-Dichlorobenzene	19.24	146	137772	0.43	ppbv		97
77) 1,2-Dichlorobenzene	20.00	146	138073	0.43	ppbv		97
78) Hexachloro-1,3-Butadiene	24.65	225	53254	0.41	ppbv		98
79) Naphthalene	23.92	128	89310m	0.26	ppbv		
80) Naphthalene,2-methyl-	26.05	142	16785	0.32	ppbv	#	89
81) 1,2,4-Trichlorobenzene	23.72	180	50501	0.32	ppbv		98

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

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QLast Update : Mon Jan 11 17:14:02 2016
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