Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
Data File : VL026826.D
Acq On : 9 Feb 2016 18:51
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED
MMDadoda
2/11/2016 1:23:10 PM

Quant Time: Feb 10 03:15:13 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL020916AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 1
QLast Update : Wed Feb 10 02:03:34 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.69	49	1632222	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.36	114	4390847	10.00	ppbv	-0.02
55) Chlorobenzene-d5	13.79	117	4046165	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.33	95	2994100	8.72	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 87.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.67	85	195200	0.38	ppbv	93
3) Chlorodifluoromethane	3.60	51	191917	0.61	ppbv	97
4) Chloromethane	3.78	50	56086	0.58	ppbv	97
5) Vinyl Chloride	3.92	62	56962	0.50	ppbv	97
6) Bromomethane	4.18	94	51500	0.52	ppbv	98
7) Chloroethane	4.27	64	26620	0.50	ppbv	97
8) Dichlorotetrafluoroethane	3.83	85	166679	0.44	ppbv	99
9) Propene	3.62	41	35181	0.55	ppbv	99
10) Heptane	9.39	43	105055	0.43	ppbv	99
11) Trichlorofluoromethane	4.73	101	221170	0.37	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	5.34	101	152524	0.44	ppbv	99
13) Ethanol	4.40	45	6493m	0.44	ppbv	
14) Bromoethene	4.48	108	53296	0.47	ppbv	99
15) Acetone	4.66	43	131560	0.34	ppbv #	71
16) 1,3-Butadiene	4.00	39	44453	0.42	ppbv	92
17) tert-Butyl alcohol	5.21	59	61887	0.30	ppbv	99
18) 1,1-Dichloroethene	5.12	96	61152	0.45	ppbv	99
19) Isopropyl Alcohol	4.83	45	34772	0.34	ppbv #	92
20) Methylene Chloride	5.18	84	63185	0.51	ppbv	98
21) Allyl Chloride	5.26	41	71797	0.44	ppbv	90
22) trans-1,2-Dichloroethene	5.80	96	53845	0.42	ppbv	94
23) Vinyl Acetate	6.03	43	135783	0.33	ppbv #	94
24) 1,1-Dichloroethane	5.94	63	123286	0.43	ppbv	98
25) Ethyl Acetate	6.73	43	119274	0.32	ppbv #	90
26) Hexane	6.70	57	87867	0.47	ppbv	90
27) Carbon Disulfide	5.43	76	158917	0.42	ppbv #	89
28) Methyl tert-Butyl Ether	6.01	73	130284	0.31	ppbv	97
29) Chloroform	6.78	83	150658	0.36	ppbv	97
30) Cyclohexane	8.33	84	66048	0.34	ppbv #	26
31) cis-1,2-Dichloroethene	6.56	61	69820	0.34	ppbv	99
32) 1,1,1-Trichloroethane	7.63	97	136834	0.29	ppbv	98
34) 2-Butanone	6.26	43	102365	0.50	ppbv	99
35) Carbon Tetrachloride	8.20	117	146154	0.34	ppbv	94
36) Benzene	8.06	78	156239	0.42	ppbv	97
37) 1,2-Dichloroethane	7.41	62	106763	0.34	ppbv	98
38) Trichloroethene	9.10	130	70141	0.40	ppbv	96
39) 1,2-Dichloropropane	8.86	63	64555	0.52	ppbv	95
40) 1,4-Dioxane	9.24	88	8293m	0.27	ppbv	
41) Tetrahydrofuran	7.21	42	40420	0.44	ppbv	97
42) Bromodichloromethane	9.06	83	133760	0.33	ppbv	98
43) Methyl Methacrylate	9.31	69	44591	0.31	ppbv	95

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Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

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Quant Time: Feb 10 03:15:13 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL020916AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 1
QLast Update : Wed Feb 10 02:03:34 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	9.12	57	258199	0.44	ppbv		94
45) t-1,3-Dichloropropene	10.70	75	55069	0.22	ppbv		99
46) cis-1,3-Dichloropropene	10.06	75	69932	0.27	ppbv		97
47) 1,1,2-Trichloroethane	10.92	97	66935	0.34	ppbv		98
48) Dibromochloromethane	11.84	129	96053	0.26	ppbv		99
49) Bromoform	14.85	173	66272	0.21	ppbv		99
50) 4-Methyl-2-Pentanone	10.15	43	94574	0.33	ppbv		98
51) 2-Hexanone	11.70	43	65487	0.24	ppbv	#	95
52) Tetrachloroethene	12.83	164	58872	0.28	ppbv		95
53) Toluene	11.28	91	142773	0.26	ppbv		100
54) 1,2-Dibromoethane	12.18	107	91853	0.28	ppbv		98
56) 1,1,1,2-Tetrachloroethane	13.83	131	82755	0.39	ppbv	#	1
57) Chlorobenzene	13.85	112	160809	0.39	ppbv		98
58) Ethyl Benzene	14.46	91	184458	0.28	ppbv		95
59) m/p-Xylene	14.76	91	348778	0.60	ppbv		97
60) o-Xylene	15.53	91	189798	0.30	ppbv		100
61) Styrene	15.36	104	47427m	0.21	ppbv		
62) Isopropylbenzene	16.59	105	232392	0.28	ppbv		98
63) 1,1,2,2-Tetrachloroethane	15.52	83	144551	0.35	ppbv		99
64) n-propylbenzene	17.57	120	56233	0.24	ppbv		80
65) tert-Butylbenzene	18.86	119	191550	0.23	ppbv		97
66) Benzyl Chloride	19.16	91	53943	0.17	ppbv		96
67) sec-Butylbenzene	19.46	105	269695	0.22	ppbv		96
69) p-Isopropyltoluene	19.83	119	193598	0.19	ppbv		98
70) n-Butylbenzene	20.80	91	179168	0.17	ppbv		95
71) 2-Chlorotoluene	17.47	91	134534	0.21	ppbv		100
72) 4-Ethyltoluene	17.87	105	147580	0.20	ppbv	#	97
73) 1,3,5-Trimethylbenzene	18.04	105	154577	0.22	ppbv		99
74) 1,2,4-Trimethylbenzene	18.88	105	185777	0.23	ppbv		94
75) 1,3-Dichlorobenzene	19.16	146	119134	0.23	ppbv		100
76) 1,4-Dichlorobenzene	19.32	146	113592	0.22	ppbv		99
77) 1,2-Dichlorobenzene	20.07	146	115232	0.21	ppbv		99
78) Hexachloro-1,3-Butadiene	24.71	225	60469	0.23	ppbv		99
79) Naphthalene	23.98	128	81594	0.12	ppbv		99
80) Naphthalene,2-methyl-	26.10	142	42948	0.36	ppbv		97
81) 1,2,4-Trichlorobenzene	23.78	180	47624	0.16	ppbv		98

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

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