Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL121317\
Data File : VL031218.D
Acq On : 14 Dec 2017 2:16
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Manual Integrations APPROVED
MMDadoda
12/15/2017 4:07:00 PM

Quant Time: Dec 14 04:27:39 2017
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL121317AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Dec 1
QLast Update : Thu Dec 14 03:40:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.91	49	1629220	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.46	114	4102323	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.42	117	4845543m	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.75	95	3244147	8.66	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 86.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.18	85	1366967	8.22	ppbv		99
3) Chlorodifluoromethane	3.12	51	2458949	11.03	ppbv		99
4) Chloromethane	3.28	50	1384685	16.55	ppbv		99
5) Vinyl Chloride	3.40	62	1387562	15.19	ppbv		100
6) Bromomethane	3.63	94	858063	15.51	ppbv		98
7) Chloroethane	3.72	64	545712	16.78	ppbv		99
8) Dichlorotetrafluoroethane	3.32	85	1936937	9.97	ppbv		98
9) Propene	3.14	41	1245504	13.48	ppbv		99
10) Heptane	8.41	43	3395990	12.35	ppbv		100
11) Trichlorofluoromethane	4.13	101	3002507	15.39	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	4.68	101	2036785	17.54	ppbv		99
13) Ethanol	3.77	45	306561	17.33	ppbv		99
14) Bromoethene	3.91	108	952810	15.95	ppbv		100
15) Acetone	4.02	43	2440629	14.92	ppbv		99
16) 1,3-Butadiene	3.47	39	1316005	17.07	ppbv		98
17) tert-Butyl alcohol	4.49	59	1620525	20.40	ppbv		99
18) 1,1-Dichloroethene	4.49	96	979983	17.35	ppbv		92
19) Isopropyl Alcohol	4.15	45	1822423	19.08	ppbv		98
20) Methylene Chloride	4.54	84	935656	16.45	ppbv		97
21) Allyl Chloride	4.61	41	1782681	21.86	ppbv		99
22) trans-1,2-Dichloroethene	5.10	96	1154311	16.32	ppbv		100
23) Vinyl Acetate	5.30	43	4084326	14.02	ppbv		98
24) 1,1-Dichloroethane	5.23	63	3117484	12.41	ppbv		100
25) Ethyl Acetate	5.92	43	5362812	13.19	ppbv		100
26) Hexane	5.93	57	2503797	12.66	ppbv		99
27) Carbon Disulfide	4.76	76	2837376	20.44	ppbv		99
28) Methyl tert-Butyl Ether	5.25	73	3387108	15.51	ppbv		100
29) Chloroform	6.00	83	3612293	12.75	ppbv		100
30) Cyclohexane	7.41	84	2113718	13.37	ppbv		99
31) cis-1,2-Dichloroethene	5.79	61	2423844	12.80	ppbv		99
32) 1,1,1-Trichloroethane	6.78	97	3523066	14.90	ppbv		99
34) 2-Butanone	5.47	43	3709781	11.02	ppbv		100
35) Carbon Tetrachloride	7.30	117	3568360	12.38	ppbv		98
36) Benzene	7.17	78	5138618	10.94	ppbv		98
37) 1,2-Dichloroethane	6.57	62	2867155	10.39	ppbv		100
38) Trichloroethene	8.13	130	1848277	10.34	ppbv		98
39) 1,2-Dichloropropane	7.90	63	1875965	10.44	ppbv		95
40) 1,4-Dioxane	8.12	88	731243	10.23	ppbv	#	95
41) Tetrahydrofuran	6.30	42	2118237	12.02	ppbv		99
42) Bromodichloromethane	8.09	83	3648310	11.10	ppbv		100
43) Methyl Methacrylate	8.30	69	1893600	11.53	ppbv		100

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QLast Update : Thu Dec 14 03:40:57 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	8.16	57	7779160	9.90	ppbv		99
45) t-1,3-Dichloropropene	9.58	75	2858350	14.04	ppbv		99
46) cis-1,3-Dichloropropene	9.01	75	3375821	12.53	ppbv		99
47) 1,1,2-Trichloroethane	9.79	97	2123211	11.14	ppbv		98
48) Dibromochloromethane	10.63	129	3511319	13.70	ppbv		100
49) Bromoform	13.38	173	2625441	13.56	ppbv		100
50) 4-Methyl-2-Pentanone	9.04	43	4586226	10.77	ppbv		100
51) 2-Hexanone	10.44	43	4719203	11.71	ppbv	#	99
52) Tetrachloroethene	11.55	164	1929437	11.58	ppbv		98
53) Toluene	10.12	91	6158799	11.59	ppbv		100
54) 1,2-Dibromoethane	10.94	107	3310397	12.21	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.46	131	2294516	11.54	ppbv	#	62
57) Chlorobenzene	12.48	112	4618640	9.75	ppbv		98
58) Ethyl Benzene	13.04	91	8291096	9.99	ppbv		96
59) m/p-Xylene	13.33	91	12884357m	18.41	ppbv		
60) o-Xylene	14.03	91	6397358	9.19	ppbv		99
61) Styrene	13.86	104	2083089	11.90	ppbv		99
62) Isopropylbenzene	15.00	105	8603400	10.32	ppbv		99
63) 1,1,2,2-Tetrachloroethane	14.01	83	4141100	7.63	ppbv		99
64) n-propylbenzene	15.90	120	2368632	10.39	ppbv		95
65) tert-Butylbenzene	17.08	119	7173023	9.81	ppbv		100
66) Benzyl Chloride	17.33	91	968583	15.47	ppbv		100
67) sec-Butylbenzene	17.63	105	10205699	9.21	ppbv		100
69) p-Isopropyltoluene	17.99	119	8500591	9.96	ppbv		99
70) n-Butylbenzene	18.89	91	8423820	8.95	ppbv		99
71) 2-Chlorotoluene	15.80	91	6571181	9.78	ppbv		99
72) 4-Ethyltoluene	16.18	105	7345225	10.43	ppbv		100
73) 1,3,5-Trimethylbenzene	16.33	105	6447247	9.91	ppbv		98
74) 1,2,4-Trimethylbenzene	17.11	105	6390583	8.93	ppbv		99
75) 1,3-Dichlorobenzene	17.34	146	4296225	9.48	ppbv		100
76) 1,4-Dichlorobenzene	17.49	146	4386532	9.64	ppbv		99
77) 1,2-Dichlorobenzene	18.17	146	4245108	9.50	ppbv		99
78) Hexachloro-1,3-Butadiene	23.71	225	994051	11.64	ppbv		100
79) Naphthalene	22.62	128	5752503	11.85	ppbv		98
80) Naphthalene,2-methyl-	25.25	142	2701042	18.91	ppbv		100
81) 1,2,4-Trichlorobenzene	22.35	180	2632786	10.88	ppbv		100

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

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