Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
Data File : BF093640.D
Acq On : 14 Mar 2017 6:39
Operator : SJ/MA
Sample : I2201-17MS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D-112MS

Manual Integrations APPROVED
mohammad
3/15/2017 5:38:34 PM

Quant Time: Mar 15 08:56:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	174111	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	728994	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	353530	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	632942	20.00	ng		0.00
75) Chrysene-d12	13.90	240	512469	20.00	ng		0.01
86) Perylene-d12	15.31	264	360310	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1603748	153.30	ng		0.00
7) Phenol-d6	6.38	99	1905201	144.42	ng		0.00
23) Nitrobenzene-d5	7.29	82	1388500	105.68	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	356418	154.74	ng		0.01
44) 2-Fluorobiphenyl	9.09	172	2013821	105.95	ng		0.00
78) Terphenyl-d14	12.84	244	1672804	84.87	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	253838	44.05	ng	#	84
3) Pyridine	3.05	79	358287m	24.39	ng		
4) n-Nitrosodimethylamine	2.95	42	366614	52.25	ng		78
6) Aniline	6.45	93	803018m	44.35	ng		
8) 2-Chlorophenol	6.50	128	575507	49.10	ng		97
9) Benzaldehyde	6.26	77	367365	51.68	ng		92
10) Phenol	6.39	94	805240	49.81	ng	#	74
11) bis(2-Chloroethyl)ether	6.45	93	878551	67.24	ng		89
12) 1,3-Dichlorobenzene	6.64	146	629259m	46.90	ng		
13) 1,4-Dichlorobenzene	6.72	146	644159	46.90	ng		98
14) 1,2-Dichlorobenzene	6.88	146	560581	46.09	ng		96
15) Benzyl Alcohol	6.88	79	499654	53.13	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	1055334	48.62	ng		71
17) 2-Methylphenol	7.01	107	525680	53.02	ng		96
18) Hexachloroethane	7.21	117	229525	49.55	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	533819	58.86	ng		99
20) 3+4-Methylphenols	7.17	107	735829	57.23	ng	#	74
22) Acetophenone	7.13	105	872843	49.76	ng	#	98
24) Nitrobenzene	7.30	77	726836	49.22	ng		98
25) Isophorone	7.54	82	1343256	50.70	ng	#	93
26) 2-Nitrophenol	7.62	139	344590	51.15	ng		93
27) 2,4-Dimethylphenol	7.68	122	555327	50.67	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	881606	52.71	ng		100
29) 2,4-Dichlorophenol	7.89	162	579843	56.24	ng		89
30) 1,2,4-Trichlorobenzene	7.94	180	515934	47.05	ng		95
31) Naphthalene	8.02	128	1727145	47.28	ng		99
32) Benzoic acid	7.86	122	333287	58.52	ng		94
33) 4-Chloroaniline	8.18	127	46049m	3.11	ng		
34) Hexachlorobutadiene	8.13	225	272542	48.25	ng		99
35) Caprolactam	8.49	113	168077m	47.73	ng		
36) 4-Chloro-3-methylphenol	8.61	107	580897	52.78	ng		98
37) 2-Methylnaphthalene	8.72	142	1146124	49.31	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	500403	51.84	ng		98
40) Hexachlorocyclopentadiene	8.87	237	289438	112.96	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	354739	58.82	ng		94
43) 2,4,5-Trichlorophenol	9.08	196	310445	47.97	ng	#	91
45) 1,1'-Biphenyl	9.18	154	1358877	52.76	ng		96
46) 2-Chloronaphthalene	9.21	162	1123442	56.99	ng		98
47) 2-Nitroaniline	9.33	65	424468	60.91	ng		96
48) Acenaphthylene	9.62	152	1711355	52.64	ng		99
49) Dimethylphthalate	9.50	163	1319290	56.29	ng		99
50) 2,6-Dinitrotoluene	9.57	165	244217	47.49	ng	#	39
51) Acenaphthene	9.80	154	1027130	53.42	ng		95
52) 3-Nitroaniline	9.75	138	116239	18.81	ng	#	96
53) 2,4-Dinitrophenol	9.86	184	324309	138.47	ng	#	29
54) Dibenzofuran	9.97	168	1384045	57.52	ng		96
55) 4-Nitrophenol	9.96	139	255126m	85.01	ng		
56) 2,4-Dinitrotoluene	9.99	165	393930	62.35	ng	#	76
57) Fluorene	10.31	166	1060459	52.01	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	300288	65.75	ng		98
59) Diethylphthalate	10.20	149	1275033	56.92	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	497613	54.44	ng		97
61) 4-Nitroaniline	10.37	138	275698	43.63	ng		97
62) Azobenzene	10.46	77	1680470	66.02	ng		92
64) 4,6-Dinitro-2-methylphenol	10.40	198	211487	51.57	ng	#	68
65) n-Nitrosodiphenylamine	10.44	169	1066798	50.48	ng		98
66) 4-Bromophenyl-phenylether	10.79	248	306524	45.80	ng		95
67) Hexachlorobenzene	10.86	284	301138	47.12	ng	#	75
68) Atrazine	10.97	200	327450	52.93	ng		94
69) Pentachlorophenol	11.08	266	241970	109.66	ng		97
70) Phenanthrene	11.27	178	1762595	48.79	ng		99
71) Anthracene	11.33	178	1646512	45.05	ng		99
72) Carbazole	11.50	167	1697045	49.43	ng		98
73) Di-n-butylphthalate	11.82	149	2170272	54.64	ng	#	97
74) Fluoranthene	12.47	202	1821470	52.19	ng		94
77) Pyrene	12.70	202	1827388	49.03	ng		99
79) Butylbenzylphthalate	13.31	149	893980	56.98	ng		91
80) Benzo(a)anthracene	13.89	228	1440238	47.59	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	271712	25.63	ng	#	96
82) Chrysene	13.92	228	1208415	43.16	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	1141543	52.20	ng		100
84) Di-n-octyl phthalate	14.48	149	2017412	55.35	ng		97
85) Indeno(1,2,3-cd)pyrene	16.67	276	996686	42.52	ng	#	94
87) Benzo(b)fluoranthene	14.92	252	1387308m	63.22	ng		
88) Benzo(k)fluoranthene	14.94	252	949863m	44.88	ng		
89) Benzo(a)pyrene	15.25	252	1047095	52.21	ng		98
90) Dibenzo(a,h)anthracene	16.67	278	836917	50.44	ng		96
91) Benzo(g,h,i)perylene	17.07	276	885071	51.97	ng	#	90

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

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