Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
Data File : BF094041.D
Acq On : 30 Mar 2017 1:40
Operator : SJ/MA
Sample : I2443-14MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASEMS

Manual Integrations APPROVED
mohammad
3/30/2017 2:33:10 PM

Quant Time: Mar 30 04:39:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	160998	20.00	ng		-0.03
21) Naphthalene-d8	7.43	136	652673	20.00	ng		-0.03
38) Acenaphthene-d10	9.57	164	291640	20.00	ng		-0.02
63) Phenanthrene-d10	11.40	188	485576	20.00	ng		-0.02
75) Chrysene-d12	14.66	240	290990	20.00	ng		-0.02
86) Perylene-d12	16.29	264	276062	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.47	112	1341242	140.71	ng		0.00
7) Phenol-d6	5.55	99	1693298	143.60	ng		0.00
23) Nitrobenzene-d5	6.58	82	1058707	92.57	ng		-0.02
41) 2,4,6-Tribromophenol	10.55	330	324560	140.83	ng		-0.02
44) 2-Fluorobiphenyl	8.76	172	1660662	86.85	ng		-0.02
78) Terphenyl-d14	13.37	244	1123739	86.56	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	177052	38.66	ng		99
3) Pyridine	2.82	79	520677	41.72	ng		99
4) n-Nitrosodimethylamine	2.78	42	249486	48.58	ng		89
6) Aniline	5.55	93	304736	18.58	ng	#	1
8) 2-Chlorophenol	5.69	128	534427	51.01	ng		98
9) Benzaldehyde	5.42	77	107016	13.44	ng		96
10) Phenol	5.56	94	634324	47.27	ng		97
11) bis(2-Chloroethyl)ether	5.63	93	505926	48.24	ng		99
12) 1,3-Dichlorobenzene	5.86	146	555344	47.25	ng		99
13) 1,4-Dichlorobenzene	5.95	146	565127	47.48	ng		97
14) 1,2-Dichlorobenzene	6.12	146	516433	47.11	ng		96
15) Benzyl Alcohol	6.10	79	424451	49.18	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.26	45	686950	42.51	ng		95
17) 2-Methylphenol	6.24	107	442383	49.30	ng		95
18) Hexachloroethane	6.52	117	184875	44.19	ng		90
19) n-Nitroso-di-n-propylamine	6.42	70	370487	48.88	ng		99
20) 3+4-Methylphenols	6.42	107	580632	53.43	ng	#	63
22) Acetophenone	6.40	105	756852	52.03	ng	#	87
24) Nitrobenzene	6.60	77	545847	48.39	ng		96
25) Isophorone	6.89	82	986274	49.08	ng		94
26) 2-Nitrophenol	6.97	139	184997	34.39	ng		96
27) 2,4-Dimethylphenol	7.05	122	488352	52.69	ng		98
28) bis(2-Chloroethoxy)methane	7.15	93	643130	48.53	ng		99
29) 2,4-Dichlorophenol	7.27	162	456327	52.66	ng		99
30) 1,2,4-Trichlorobenzene	7.36	180	434353	48.66	ng		98
31) Naphthalene	7.46	128	1618485	51.57	ng		100
32) Benzoic acid	7.15	122	23661	3.83	ng		95
33) 4-Chloroaniline	7.52	127	162693	12.79	ng	#	93
34) Hexachlorobutadiene	7.61	225	210621	46.01	ng		96
35) Caprolactam	7.99	113	152668m	55.24	ng		
36) 4-Chloro-3-methylphenol	8.15	107	469454	51.84	ng		91
37) 2-Methylnaphthalene	8.30	142	1054788	50.42	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	382606	47.96	ng		100
40) Hexachlorocyclopentadiene	8.49	237	143491	38.43	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	300892	53.31	ng		98
43) 2,4,5-Trichlorophenol	8.71	196	295546	48.39	ng		94
45) 1,1'-Biphenyl	8.87	154	1125941	47.86	ng		98
46) 2-Chloronaphthalene	8.89	162	881601	47.88	ng		94
47) 2-Nitroaniline	9.02	65	315700	57.79	ng		90
48) Acenaphthylene	9.40	152	1413767	46.20	ng		100
49) Dimethylphthalate	9.26	163	1177430	56.80	ng		100
50) 2,6-Dinitrotoluene	9.33	165	209563	44.10	ng	#	88
51) Acenaphthene	9.62	154	950005	53.20	ng		100
52) 3-Nitroaniline	9.53	138	263130	47.15	ng		89
53) 2,4-Dinitrophenol	9.66	184	7674	7.50	ng		93
54) Dibenzofuran	9.83	168	1313456	54.03	ng		99
55) 4-Nitrophenol	9.77	139	321564	73.58	ng	#	71
56) 2,4-Dinitrotoluene	9.82	165	238546	39.96	ng	#	70
57) Fluorene	10.25	166	980238	48.63	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	207960	49.62	ng		99
59) Diethylphthalate	10.13	149	1038796	50.70	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	370924	43.19	ng		88
61) 4-Nitroaniline	10.29	138	302197	56.43	ng		94
62) Azobenzene	10.45	77	949283	48.98	ng		93
64) 4,6-Dinitro-2-methylphenol	10.33	198	12502	4.20	ng	#	70
65) n-Nitrosodiphenylamine	10.40	169	863131	51.40	ng		97
66) 4-Bromophenyl-phenylether	10.85	248	242006	50.67	ng		96
67) Hexachlorobenzene	10.93	284	239379	49.52	ng	#	90
68) Atrazine	11.08	200	228207	45.37	ng		97
69) Pentachlorophenol	11.18	266	205759	68.38	ng		98
70) Phenanthrene	11.44	178	2465604	91.28	ng		99
71) Anthracene	11.50	178	1608306	57.83	ng		99
72) Carbazole	11.70	167	1349467	47.32	ng		99
73) Di-n-butylphthalate	12.15	149	1472213	49.64	ng		98
74) Fluoranthene	12.90	202	2221298	80.31	ng		99
76) Benzidine	13.06	184	224996	19.54	ng	#	93
77) Pyrene	13.17	202	2118672	100.32	ng		100
79) Butylbenzylphthalate	13.99	149	546373	60.72	ng		90
80) Benzo(a)anthracene	14.64	228	1229624	72.46	ng		99
81) 3,3'-Dichlorobenzidine	14.62	252	201121	33.16	ng	#	95
82) Chrysene	14.69	228	1032034	65.54	ng		98
83) Bis(2-ethylhexyl)phthalate	14.70	149	713653	58.13	ng	#	99
84) Di-n-octyl phthalate	15.46	149	1172666	57.18	ng		99
85) Indeno(1,2,3-cd)pyrene	17.66	276	928930	68.11	ng		99
87) Benzo(b)fluoranthene	15.88	252	1150395	67.98	ng		97
88) Benzo(k)fluoranthene	15.91	252	878420m	53.06	ng		
89) Benzo(a)pyrene	16.23	252	1051382	67.47	ng		99
90) Dibenzo(a,h)anthracene	17.67	278	613994	46.53	ng		98
91) Benzo(g,h,i)perylene	18.06	276	798494	60.04	ng		99

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

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