Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093773.D
Acq On : 20 Mar 2017 19:25
Operator : SJ/MA
Sample : I2304-11MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)MS

Manual Integrations APPROVED
mohammad
3/21/2017 2:45:23 PM

Quant Time: Mar 21 01:31:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 16:03:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	224739	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	923648	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	398045	20.00	ng		-0.01
63) Phenanthrene-d10	11.35	188	627510	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	316899	20.00	ng		-0.02
86) Perylene-d12	15.39	264	354263	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1765637	137.39	ng		0.00
7) Phenol-d6	6.48	99	2175764	137.01	ng		0.00
23) Nitrobenzene-d5	7.41	82	1478661	90.82	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	368235	119.44	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	1857584	78.47	ng		-0.01
78) Terphenyl-d14	12.94	244	1381299	88.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	263332	40.44	ng		99
3) Pyridine	3.19	79	744646	42.68	ng		97
4) n-Nitrosodimethylamine	3.14	42	375275	49.88	ng		93
6) Aniline	6.49	93	663227	29.87	ng	#	1
8) 2-Chlorophenol	6.63	128	731715	51.76	ng		89
9) Benzaldehyde	6.38	77	346444	30.86	ng		98
10) Phenol	6.49	94	1079660	60.48	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	723762	49.93	ng		96
12) 1,3-Dichlorobenzene	6.78	146	723104	45.10	ng		98
13) 1,4-Dichlorobenzene	6.86	146	796616	48.70	ng		98
14) 1,2-Dichlorobenzene	7.01	146	651333	43.41	ng		99
15) Benzyl Alcohol	6.98	79	651268	55.35	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1059940	46.00	ng		100
17) 2-Methylphenol	7.10	107	607890	49.00	ng		98
18) Hexachloroethane	7.36	117	275100	47.44	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	510224	49.04	ng		94
20) 3+4-Methylphenols	7.26	107	727239	49.51	ng		90
22) Acetophenone	7.25	105	954171	47.71	ng		99
24) Nitrobenzene	7.42	77	673235	43.28	ng		97
25) Isophorone	7.67	82	1451398	50.32	ng	#	93
26) 2-Nitrophenol	7.74	139	381924	54.29	ng		93
27) 2,4-Dimethylphenol	7.78	122	720302	49.79	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	854819	46.06	ng		99
29) 2,4-Dichlorophenol	7.98	162	590153	47.92	ng		95
30) 1,2,4-Trichlorobenzene	8.07	180	606934	47.46	ng		99
31) Naphthalene	8.15	128	2095659	48.88	ng		99
32) Benzoic acid	7.84	122	30435	3.38	ng		89
33) 4-Chloroaniline	8.18	127	333368	18.09	ng		100
34) Hexachlorobutadiene	8.28	225	315632	46.93	ng		99
35) Caprolactam	8.56	113	202241m	52.32	ng		
36) 4-Chloro-3-methylphenol	8.68	107	602295	47.20	ng		85
37) 2-Methylnaphthalene	8.84	142	1255796	44.87	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	505365	47.94	ng		98
40) Hexachlorocyclopentadiene	9.00	237	305114	57.37	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	411348	53.75	ng		100
43) 2,4,5-Trichlorophenol	9.16	196	403069	50.74	ng		95
45) 1,1'-Biphenyl	9.30	154	1514714	46.82	ng		99
46) 2-Chloronaphthalene	9.33	162	1243233	50.12	ng		96
47) 2-Nitroaniline	9.42	65	421958	60.91	ng	#	77
48) Acenaphthylene	9.74	152	1790105	44.35	ng		99
49) Dimethylphthalate	9.61	163	1735274	61.26	ng	#	99
50) 2,6-Dinitrotoluene	9.66	165	295618	47.53	ng	#	79
51) Acenaphthene	9.91	154	1002298	41.57	ng		99
52) 3-Nitroaniline	9.82	138	217335	29.11	ng		100
53) 2,4-Dinitrophenol	9.92	184	39904	16.35	ng	#	1
54) Dibenzofuran	10.08	168	1507203	46.45	ng		97
55) 4-Nitrophenol	9.99	139	533377	95.12	ng	#	68
56) 2,4-Dinitrotoluene	10.06	165	385271	48.80	ng	#	73
57) Fluorene	10.42	166	1107676	44.58	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	272596	49.95	ng		97
59) Diethylphthalate	10.31	149	1464253	53.04	ng		97
60) 4-Chlorophenyl-phenylether	10.41	204	483063	46.12	ng		98
61) 4-Nitroaniline	10.44	138	280667	42.03	ng		91
62) Azobenzene	10.57	77	1344231	49.23	ng		99
64) 4,6-Dinitro-2-methylphenol	10.47	198	107626	29.60	ng	#	51
65) n-Nitrosodiphenylamine	10.54	169	1169686	55.91	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	306835	50.80	ng		97
67) Hexachlorobenzene	10.97	284	306579	49.22	ng	#	89
68) Atrazine	11.06	200	331912	51.69	ng		96
69) Pentachlorophenol	11.17	266	329651	90.50	ng		99
70) Phenanthrene	11.38	178	1641587	49.12	ng		99
71) Anthracene	11.43	178	1567713	45.56	ng		100
72) Carbazole	11.58	167	1466114	43.04	ng		99
73) Di-n-butylphthalate	11.92	149	1821556	49.68	ng		99
74) Fluoranthene	12.56	202	1436488	41.82	ng		99
76) Benzidine	12.68	184	522303	37.57	ng		95
77) Pyrene	12.79	202	1461154	55.41	ng		100
79) Butylbenzylphthalate	13.41	149	662919	56.24	ng	#	73
80) Benzo(a)anthracene	13.97	228	963978	48.56	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	250732	33.52	ng	#	97
82) Chrysene	14.00	228	907797	45.77	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	830267	58.48	ng	#	99
84) Di-n-octyl phthalate	14.59	149	1484361	57.30	ng		100
85) Indeno(1,2,3-cd)pyrene	16.76	276	1025543	63.15	ng		99
87) Benzo(b)fluoranthene	14.99	252	1195006m	50.04	ng		
88) Benzo(k)fluoranthene	15.02	252	717596m	40.69	ng		
89) Benzo(a)pyrene	15.33	252	945467	48.82	ng	#	95
90) Dibenzo(a,h)anthracene	16.78	278	867688	53.96	ng		98
91) Benzo(g,h,i)perylene	17.17	276	826322	51.77	ng		99

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

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