Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
Data File : BF093693.D
Acq On : 16 Mar 2017 5:35
Operator : SJ/MA
Sample : PB97590BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97590BS

Quant Time: Mar 16 06:46:20 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	159436	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	571671	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	227361	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	328525	20.00	ng		0.00
75) Chrysene-d12	13.89	240	314719	20.00	ng		0.00
86) Perylene-d12	15.29	264	257367	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	966207	100.86	ng		0.00
7) Phenol-d6	6.38	99	1162570	96.24	ng		0.00
23) Nitrobenzene-d5	7.29	82	896079	86.97	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	141953	95.83	ng		0.01
44) 2-Fluorobiphenyl	9.09	172	1427927	116.82	ng		0.00
78) Terphenyl-d14	12.83	244	923043	76.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	224256	42.50	ng	#	83
3) Pyridine	2.93	79	492217	36.59	ng	#	85
4) n-Nitrosodimethylamine	2.90	42	304042	47.32	ng		86
6) Aniline	6.38	93	330294	19.92	ng	#	91
8) 2-Chlorophenol	6.50	128	485444	45.23	ng		99
9) Benzaldehyde	6.25	77	280315	36.68	ng	#	80
10) Phenol	6.39	94	714644	48.28	ng		81
11) bis(2-Chloroethyl)ether	6.45	93	537898	44.96	ng		91
12) 1,3-Dichlorobenzene	6.64	146	532738m	43.36	ng		
13) 1,4-Dichlorobenzene	6.72	146	555465	44.16	ng		98
14) 1,2-Dichlorobenzene	6.88	146	485362	43.57	ng		95
15) Benzyl Alcohol	6.88	79	356700	41.42	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.00	45	866581	43.60	ng		81
17) 2-Methylphenol	7.01	107	387727	42.71	ng		98
18) Hexachloroethane	7.21	117	150669	35.52	ng		100
19) n-Nitroso-di-n-propylamine	7.14	70	331801	39.95	ng	#	93
20) 3+4-Methylphenols	7.17	107	475503	40.39	ng	#	69
22) Acetophenone	7.13	105	605933	44.05	ng		95
24) Nitrobenzene	7.30	77	449648	38.83	ng		100
25) Isophorone	7.54	82	774611	37.28	ng	#	93
26) 2-Nitrophenol	7.62	139	217910	41.25	ng		97
27) 2,4-Dimethylphenol	7.68	122	379207	44.12	ng		95
28) bis(2-Chloroethoxy)methane	7.76	93	575836	43.90	ng		99
29) 2,4-Dichlorophenol	7.90	162	361634	44.73	ng		93
30) 1,2,4-Trichlorobenzene	7.94	180	369622	42.99	ng		96
31) Naphthalene	8.02	128	1185315	41.37	ng		99
32) Benzoic acid	7.84	122	123551	27.66	ng		97
33) 4-Chloroaniline	8.13	127	108529	9.34	ng		96
34) Hexachlorobutadiene	8.14	225	198695	44.86	ng		99
35) Caprolactam	8.47	113	102814	37.23	ng	#	40
36) 4-Chloro-3-methylphenol	8.61	107	328337	38.05	ng		95
37) 2-Methylnaphthalene	8.72	142	762780m	41.85	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	318817	51.35	ng		99
40) Hexachlorocyclopentadiene	8.86	237	20605	23.25	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	206426	53.22	ng		93
43) 2,4,5-Trichlorophenol	9.08	196	177009	42.53	ng		94
45) 1,1'-Biphenyl	9.18	154	845697	51.06	ng		96
46) 2-Chloronaphthalene	9.21	162	677962	53.48	ng		97
47) 2-Nitroaniline	9.33	65	214611	47.89	ng		90
48) Acenaphthylene	9.62	152	1013428	48.47	ng		98
49) Dimethylphthalate	9.49	163	744594	49.40	ng		98
50) 2,6-Dinitrotoluene	9.57	165	172507	52.16	ng		92
51) Acenaphthene	9.80	154	586259	47.42	ng		97
52) 3-Nitroaniline	9.74	138	111165	27.98	ng		87
53) 2,4-Dinitrophenol	9.90	184	7174	4.76	ng	#	47
54) Dibenzofuran	9.97	168	865496	55.93	ng		99
55) 4-Nitrophenol	9.96	139	80888m	41.91	ng		
56) 2,4-Dinitrotoluene	9.98	165	194395	47.84	ng		95
57) Fluorene	10.31	166	647204	49.35	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	143460	48.84	ng		90
59) Diethylphthalate	10.18	149	703315	48.82	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	289056	49.18	ng		92
61) 4-Nitroaniline	10.36	138	143271	35.26	ng		92
62) Azobenzene	10.46	77	756969	46.24	ng		97
64) 4,6-Dinitro-2-methylphenol	10.40	198	21980	10.33	ng		75
65) n-Nitrosodiphenylamine	10.42	169	547246	49.89	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	170505	49.08	ng		92
67) Hexachlorobenzene	10.86	284	157675	47.53	ng	#	86
68) Atrazine	10.96	200	158614	49.40	ng		96
69) Pentachlorophenol	11.08	266	76835	67.09	ng		99
70) Phenanthrene	11.27	178	814140	43.42	ng		98
71) Anthracene	11.33	178	882846	46.54	ng		98
72) Carbazole	11.50	167	756084	42.43	ng	#	96
73) Di-n-butylphthalate	11.81	149	970517	47.07	ng	#	98
74) Fluoranthene	12.46	202	813296	44.90	ng		98
76) Benzidine	12.60	184	390009	37.68	ng		97
77) Pyrene	12.69	202	844442	36.89	ng		99
79) Butylbenzylphthalate	13.31	149	408861	42.43	ng	#	82
80) Benzo(a)anthracene	13.88	228	758662	40.82	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	274816	42.22	ng	#	96
82) Chrysene	13.91	228	697299	40.55	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	569059	42.37	ng		100
84) Di-n-octyl phthalate	14.47	149	1034429	46.21	ng		100
85) Indeno(1,2,3-cd)pyrene	16.64	276	597556	41.51	ng	#	94
87) Benzo(b)fluoranthene	14.89	252	940054m	59.97	ng		
88) Benzo(k)fluoranthene	14.93	252	497723m	32.93	ng		
89) Benzo(a)pyrene	15.24	252	652983	45.58	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	510700	43.09	ng		97
91) Benzo(g,h,i)perylene	17.05	276	486572	40.00	ng	#	93

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

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