Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
Data File : BF093694.D
Acq On : 16 Mar 2017 6:02
Operator : SJ/MA
Sample : PB97590BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97590BSD

Quant Time: Mar 16 06:47:34 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	149939	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	581055	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	209146	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	306462	20.00	ng		0.00
75) Chrysene-d12	13.89	240	305611	20.00	ng		0.00
86) Perylene-d12	15.29	264	260882	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	899351	99.83	ng		-0.01
7) Phenol-d6	6.38	99	984160	86.63	ng		0.00
23) Nitrobenzene-d5	7.29	82	905522	86.47	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	126430	92.78	ng		0.01
44) 2-Fluorobiphenyl	9.09	172	1268626	112.83	ng		0.00
78) Terphenyl-d14	12.82	244	883727	75.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	170644	34.39	ng	#	82
3) Pyridine	2.89	79	407320	32.20	ng		86
4) n-Nitrosodimethylamine	2.86	42	232233	38.43	ng		84
6) Aniline	6.38	93	438385	28.12	ng	#	69
8) 2-Chlorophenol	6.50	128	425620	42.17	ng		99
9) Benzaldehyde	6.26	77	228113	29.63	ng		95
10) Phenol	6.39	94	615023	44.18	ng		84
11) bis(2-Chloroethyl)ether	6.45	93	482018	42.84	ng		94
12) 1,3-Dichlorobenzene	6.64	146	467637m	40.48	ng		
13) 1,4-Dichlorobenzene	6.72	146	477850	40.40	ng		99
14) 1,2-Dichlorobenzene	6.88	146	430104	41.06	ng		96
15) Benzyl Alcohol	6.88	79	288651	35.64	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	802636	42.94	ng		72
17) 2-Methylphenol	7.01	107	360497	42.22	ng		98
18) Hexachloroethane	7.21	117	149892	37.57	ng		96
19) n-Nitroso-di-n-propylamine	7.13	70	326174	41.76	ng	#	86
20) 3+4-Methylphenols	7.17	107	487473	44.03	ng	#	72
22) Acetophenone	7.13	105	605654	43.31	ng	#	96
24) Nitrobenzene	7.30	77	483857	41.11	ng		97
25) Isophorone	7.54	82	839419	39.75	ng	#	92
26) 2-Nitrophenol	7.62	139	204983	38.17	ng	#	89
27) 2,4-Dimethylphenol	7.68	122	364371	41.71	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	578399	43.39	ng		99
29) 2,4-Dichlorophenol	7.90	162	347973	42.34	ng		94
30) 1,2,4-Trichlorobenzene	7.94	180	345002	39.47	ng		96
31) Naphthalene	8.02	128	1128735	38.76	ng		99
32) Benzoic acid	7.84	122	113542	25.01	ng		91
33) 4-Chloroaniline	8.12	127	147430	12.48	ng		94
34) Hexachlorobutadiene	8.14	225	184288	40.94	ng		97
35) Caprolactam	8.47	113	106769	38.04	ng	#	50
36) 4-Chloro-3-methylphenol	8.61	107	325777	37.14	ng		98
37) 2-Methylnaphthalene	8.72	142	690220	37.26	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	293167	51.33	ng		99
40) Hexachlorocyclopentadiene	8.86	237	20137	23.95	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	193044	54.10	ng		93
43) 2,4,5-Trichlorophenol	9.08	196	168443	44.00	ng		95
45) 1,1'-Biphenyl	9.18	154	787881	51.71	ng		96
46) 2-Chloronaphthalene	9.21	162	638968	54.79	ng		97
47) 2-Nitroaniline	9.33	65	234364	56.85	ng		95
48) Acenaphthylene	9.62	152	936271	48.68	ng		98
49) Dimethylphthalate	9.49	163	710524	51.24	ng		98
50) 2,6-Dinitrotoluene	9.57	165	162699	53.48	ng		92
51) Acenaphthene	9.80	154	566573	49.81	ng		97
52) 3-Nitroaniline	9.74	138	119733	32.76	ng		85
53) 2,4-Dinitrophenol	9.90	184	6523	4.71	ng	#	42
54) Dibenzofuran	9.97	168	760340	53.41	ng		99
55) 4-Nitrophenol	9.96	139	59205m	33.35	ng		
56) 2,4-Dinitrotoluene	9.98	165	179133	47.93	ng		96
57) Fluorene	10.31	166	573950	47.58	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	128940	47.72	ng	#	90
59) Diethylphthalate	10.18	149	622990	47.01	ng		100
60) 4-Chlorophenyl-phenylether	10.30	204	270214	49.97	ng		90
61) 4-Nitroaniline	10.36	138	135617	36.28	ng		90
62) Azobenzene	10.46	77	679866	45.15	ng		98
64) 4,6-Dinitro-2-methylphenol	10.40	198	22467	11.32	ng	#	71
65) n-Nitrosodiphenylamine	10.42	169	490050	47.89	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	153699	47.43	ng		92
67) Hexachlorobenzene	10.86	284	142412	46.02	ng	#	86
68) Atrazine	10.96	200	145522	48.59	ng		98
69) Pentachlorophenol	11.08	266	66007	61.78	ng		98
70) Phenanthrene	11.27	178	755715	43.20	ng		98
71) Anthracene	11.33	178	792752	44.80	ng		97
72) Carbazole	11.50	167	704489	42.38	ng		97
73) Di-n-butylphthalate	11.81	149	867336	45.10	ng	#	98
74) Fluoranthene	12.46	202	784023	46.40	ng		98
76) Benzidine	12.60	184	442912	44.07	ng		97
77) Pyrene	12.69	202	791510	35.61	ng		99
79) Butylbenzylphthalate	13.30	149	403196	43.09	ng	#	83
80) Benzo(a)anthracene	13.88	228	780193	43.23	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	285668	45.19	ng	#	97
82) Chrysene	13.91	228	702680	42.08	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	543220	41.65	ng		99
84) Di-n-octyl phthalate	14.47	149	1033392	47.54	ng		99
85) Indeno(1,2,3-cd)pyrene	16.64	276	592012	42.36	ng	#	94
87) Benzo(b)fluoranthene	14.89	252	903550m	56.87	ng		
88) Benzo(k)fluoranthene	14.93	252	492849m	32.17	ng		
89) Benzo(a)pyrene	15.24	252	652887	44.96	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	510393	42.49	ng		97
91) Benzo(g,h,i)perylene	17.05	276	490720	39.80	ng	#	92

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

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