Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
Data File : BF093802.D
Acq On : 21 Mar 2017 17:04
Operator : SJ/MA
Sample : I2314-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SGS47-9-11MSD

Quant Time: Mar 22 02:20:37 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 14:38:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	192941	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	823252	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	363051	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	621132	20.00	ng		0.00
75) Chrysene-d12	13.97	240	330581	20.00	ng		0.00
86) Perylene-d12	15.37	264	328505	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1656382	150.13	ng		0.02
7) Phenol-d6	6.47	99	1884127	138.20	ng		0.01
23) Nitrobenzene-d5	7.40	82	1291230	88.97	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	344775	122.61	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1881340	87.14	ng		0.00
78) Terphenyl-d14	12.93	244	1362700	84.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	226423	40.50	ng		99
3) Pyridine	3.18	79	662630	44.24	ng		97
4) n-Nitrosodimethylamine	3.12	42	319378	49.44	ng		91
6) Aniline	6.49	93	598406	31.39	ng		97
8) 2-Chlorophenol	6.62	128	638721	52.63	ng		92
9) Benzaldehyde	6.37	77	233148	24.19	ng		99
10) Phenol	6.48	94	823016	53.71	ng		94
11) bis(2-Chloroethyl)ether	6.57	93	602319	48.40	ng		90
12) 1,3-Dichlorobenzene	6.77	146	610765	44.37	ng		97
13) 1,4-Dichlorobenzene	6.85	146	661609	47.12	ng		97
14) 1,2-Dichlorobenzene	7.01	146	579885m	45.02	ng		
15) Benzyl Alcohol	6.97	79	529785	52.44	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	904421	45.71	ng		100
17) 2-Methylphenol	7.09	107	507682	47.67	ng		98
18) Hexachloroethane	7.35	117	235707	47.35	ng		95
19) n-Nitroso-di-n-propylamine	7.25	70	419135	46.92	ng		96
20) 3+4-Methylphenols	7.25	107	640897	50.83	ng	#	86
22) Acetophenone	7.24	105	824120	46.23	ng		96
24) Nitrobenzene	7.41	77	578272	41.71	ng		98
25) Isophorone	7.66	82	1195476	46.50	ng		95
26) 2-Nitrophenol	7.73	139	323734	51.63	ng	#	90
27) 2,4-Dimethylphenol	7.77	122	588273	45.62	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	710392	42.95	ng		99
29) 2,4-Dichlorophenol	7.97	162	535958	48.83	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	520939	45.70	ng		99
31) Naphthalene	8.14	128	1809537	47.35	ng		100
32) Benzoic acid	7.88	122	204029	25.44	ng		98
33) 4-Chloroaniline	8.18	127	430590	26.22	ng	#	90
34) Hexachlorobutadiene	8.26	225	257930	43.03	ng		98
35) Caprolactam	8.55	113	179086m	51.98	ng		
36) 4-Chloro-3-methylphenol	8.68	107	576967	50.73	ng		98
37) 2-Methylnaphthalene	8.82	142	1139222	45.67	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	416683	43.34	ng		98
40) Hexachlorocyclopentadiene	8.98	237	386935	79.77	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	379667	54.40	ng		95
43) 2,4,5-Trichlorophenol	9.14	196	350841	48.42	ng		97
45) 1,1'-Biphenyl	9.29	154	1313648	44.52	ng		98
46) 2-Chloronaphthalene	9.32	162	1080175	47.74	ng		95
47) 2-Nitroaniline	9.41	65	366161	57.95	ng	#	82
48) Acenaphthylene	9.73	152	1570386	42.65	ng		99
49) Dimethylphthalate	9.60	163	1586980	61.42	ng		98
50) 2,6-Dinitrotoluene	9.65	165	272379	48.02	ng	#	75
51) Acenaphthene	9.90	154	1049439	47.72	ng		99
52) 3-Nitroaniline	9.82	138	252902	37.14	ng	#	75
53) 2,4-Dinitrophenol	9.92	184	210252	94.43	ng	#	65
54) Dibenzofuran	10.07	168	1373717	46.42	ng		97
55) 4-Nitrophenol	9.98	139	421195	82.35	ng	#	63
56) 2,4-Dinitrotoluene	10.05	165	356134	49.46	ng	#	71
57) Fluorene	10.41	166	977635	43.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	258067	51.84	ng		98
59) Diethylphthalate	10.30	149	1241095	49.29	ng		98
60) 4-Chlorophenyl-phenylether	10.41	204	454850	47.62	ng	#	77
61) 4-Nitroaniline	10.42	138	265673	43.62	ng		92
62) Azobenzene	10.56	77	1268068	50.91	ng		98
64) 4,6-Dinitro-2-methylphenol	10.46	198	169177	47.01	ng	#	69
65) n-Nitrosodiphenylamine	10.53	169	1024110	49.46	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	266970	44.65	ng		92
67) Hexachlorobenzene	10.96	284	280833	45.55	ng	#	84
68) Atrazine	11.05	200	280511	44.13	ng		94
69) Pentachlorophenol	11.16	266	339239	94.09	ng		99
70) Phenanthrene	11.37	178	1597818	48.30	ng		99
71) Anthracene	11.42	178	1443215	42.38	ng		99
72) Carbazole	11.57	167	1407336	41.74	ng		99
73) Di-n-butylphthalate	11.91	149	1712052	47.17	ng		100
74) Fluoranthene	12.55	202	1418549	41.72	ng		98
76) Benzidine	12.66	184	181248	12.50	ng	#	94
77) Pyrene	12.78	202	1514705	55.06	ng		100
79) Butylbenzylphthalate	13.41	149	701820	57.08	ng		99
80) Benzo(a)anthracene	13.96	228	988349	47.73	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	270772	34.70	ng		98
82) Chrysene	14.00	228	994205	48.05	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	738238	49.85	ng		99
84) Di-n-octyl phthalate	14.57	149	1244903	46.07	ng		98
85) Indeno(1,2,3-cd)pyrene	16.73	276	985989	58.20	ng		98
87) Benzo(b)fluoranthene	14.99	252	1036548m	46.81	ng		
88) Benzo(k)fluoranthene	15.01	252	683908m	41.82	ng		
89) Benzo(a)pyrene	15.32	252	847902	47.22	ng		98
90) Dibenzo(a,h)anthracene	16.76	278	822403	55.15	ng		98
91) Benzo(g,h,i)perylene	17.15	276	849617	57.41	ng		98

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

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