Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
Data File : BF093819.D
Acq On : 22 Mar 2017 6:24
Operator : SJ/MA
Sample : PB97716BSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97716BSD

Quant Time: Mar 22 07:39:49 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	200671	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	850851	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	372909	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	593570	20.00	ng		0.00
75) Chrysene-d12	13.97	240	336048	20.00	ng		0.00
86) Perylene-d12	15.37	264	345915	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	979328	85.34	ng		0.01
7) Phenol-d6	6.46	99	1254821	88.49	ng		0.00
23) Nitrobenzene-d5	7.40	82	1202493	80.17	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	252946	87.57	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1827094	82.39	ng		0.00
78) Terphenyl-d14	12.93	244	1294190	78.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	197927	34.04	ng		99
3) Pyridine	3.19	79	518098	33.26	ng		98
4) n-Nitrosodimethylamine	3.13	42	264068	39.31	ng		93
6) Aniline	6.48	93	417678	21.07	ng	#	62
8) 2-Chlorophenol	6.61	128	546454	43.29	ng		94
9) Benzaldehyde	6.37	77	180370	18.00	ng		95
10) Phenol	6.47	94	599254	37.60	ng		95
11) bis(2-Chloroethyl)ether	6.56	93	490234	37.88	ng		98
12) 1,3-Dichlorobenzene	6.77	146	568803	39.73	ng		99
13) 1,4-Dichlorobenzene	6.85	146	609944	41.76	ng		99
14) 1,2-Dichlorobenzene	7.00	146	518468	38.70	ng		98
15) Benzyl Alcohol	6.97	79	481114	45.79	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	767104	37.28	ng		99
17) 2-Methylphenol	7.09	107	465232	42.00	ng		97
18) Hexachloroethane	7.35	117	206652	39.91	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	358642	38.60	ng		99
20) 3+4-Methylphenols	7.24	107	562240	42.87	ng	#	86
22) Acetophenone	7.24	105	709460	38.51	ng	#	96
24) Nitrobenzene	7.41	77	526945	36.77	ng		100
25) Isophorone	7.66	82	1048732	39.47	ng	#	91
26) 2-Nitrophenol	7.73	139	304425	46.98	ng		95
27) 2,4-Dimethylphenol	7.77	122	566037	42.47	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	619960	36.26	ng		99
29) 2,4-Dichlorophenol	7.97	162	455444	40.15	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	474062	40.24	ng		99
31) Naphthalene	8.14	128	1619567	41.01	ng		100
32) Benzoic acid	7.89	122	339785	41.00	ng		99
33) 4-Chloroaniline	8.18	127	235394	13.87	ng	#	89
34) Hexachlorobutadiene	8.26	225	239864	38.72	ng		98
35) Caprolactam	8.55	113	152789	42.90	ng		99
36) 4-Chloro-3-methylphenol	8.66	107	492789	41.92	ng		84
37) 2-Methylnaphthalene	8.82	142	1029134	39.92	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	408573	41.37	ng		99
40) Hexachlorocyclopentadiene	8.98	237	262910	52.77	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	332091	46.32	ng		97
43) 2,4,5-Trichlorophenol	9.14	196	309125	41.53	ng		96
45) 1,1'-Biphenyl	9.29	154	1237214	40.82	ng		98
46) 2-Chloronaphthalene	9.32	162	995435	42.84	ng		96
47) 2-Nitroaniline	9.41	65	323167	49.80	ng	#	75
48) Acenaphthylene	9.73	152	1456004	38.50	ng		99
49) Dimethylphthalate	9.59	163	1079667	40.68	ng		99
50) 2,6-Dinitrotoluene	9.65	165	231199	39.68	ng	#	79
51) Acenaphthene	9.90	154	917070	40.60	ng		100
52) 3-Nitroaniline	9.81	138	160683	22.97	ng		100
53) 2,4-Dinitrophenol	9.92	184	156249	68.32	ng	#	53
54) Dibenzofuran	10.07	168	1245564	40.98	ng		98
55) 4-Nitrophenol	9.98	139	421269	80.19	ng	#	71
56) 2,4-Dinitrotoluene	10.05	165	300133	40.58	ng	#	72
57) Fluorene	10.41	166	905558	38.90	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	222763	43.57	ng		98
59) Diethylphthalate	10.30	149	1083602	41.89	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	406036	41.38	ng		96
61) 4-Nitroaniline	10.42	138	240112	38.38	ng		94
62) Azobenzene	10.56	77	1097502	42.90	ng		98
64) 4,6-Dinitro-2-methylphenol	10.46	198	121170	35.24	ng	#	49
65) n-Nitrosodiphenylamine	10.53	169	936410	47.32	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	243385	42.60	ng		95
67) Hexachlorobenzene	10.96	284	249487	42.34	ng	#	87
68) Atrazine	11.05	200	271678	44.73	ng		96
69) Pentachlorophenol	11.16	266	274988	79.81	ng		99
70) Phenanthrene	11.37	178	1331772	42.13	ng		99
71) Anthracene	11.42	178	1303067	40.04	ng		100
72) Carbazole	11.57	167	1135292	35.23	ng		99
73) Di-n-butylphthalate	11.91	149	1474666	42.52	ng		100
74) Fluoranthene	12.55	202	1194866	36.77	ng		99
76) Benzidine	12.67	184	367814	24.95	ng	#	94
77) Pyrene	12.78	202	1203529	43.04	ng		99
79) Butylbenzylphthalate	13.41	149	535332	42.83	ng		94
80) Benzo(a)anthracene	13.96	228	822195	39.06	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	268944	33.91	ng		96
82) Chrysene	13.99	228	779724	37.07	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	653990	43.44	ng		99
84) Di-n-octyl phthalate	14.57	149	1117464	40.68	ng		99
85) Indeno(1,2,3-cd)pyrene	16.73	276	745658	43.30	ng		99
87) Benzo(b)fluoranthene	14.97	252	1025698m	43.98	ng		
88) Benzo(k)fluoranthene	15.01	252	611249m	35.50	ng		
89) Benzo(a)pyrene	15.32	252	781455	41.33	ng		98
90) Dibenzo(a,h)anthracene	16.76	278	638898	40.69	ng		97
91) Benzo(g,h,i)perylene	17.15	276	595586	38.22	ng		94

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

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