Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
Data File : BF089867.D
Acq On : 24 Aug 2016 12:03
Operator : UM/SJ
Sample : PB93047BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93047BS

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Quant Time: Aug 25 13:14:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	425253	20.00	ng		-0.01
21) Naphthalene-d8	7.95	136	1656530	20.00	ng		-0.02
38) Acenaphthene-d10	9.71	164	812472	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	1520034	20.00	ng		0.00
75) Chrysene-d12	13.89	240	1135050	20.00	ng		0.01
86) Perylene-d12	15.42	264	935624	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	3354698	135.28	ng		0.00
7) Phenol-d6	6.31	99	3912649	128.53	ng		-0.01
23) Nitrobenzene-d5	7.23	82	2364018	88.66	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	1024480	132.68	ng		0.00
44) 2-Fluorobiphenyl	9.04	172	3909585	84.57	ng		-0.01
78) Terphenyl-d14	12.78	244	3499747	69.75	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	418638	34.11	ng		97
3) Pyridine	2.83	79	1189701	36.96	ng		93
4) n-Nitrosodimethylamine	2.80	42	523476	43.68	ng	#	88
6) Aniline	6.33	93	1009704	24.73	ng	#	69
8) 2-Chlorophenol	6.46	128	1226300	41.35	ng	#	78
9) Benzaldehyde	6.20	77	274094	13.82	ng		89
10) Phenol	6.32	94	1244105	34.87	ng		89
11) bis(2-Chloroethyl)ether	6.41	93	1073305	38.80	ng		98
12) 1,3-Dichlorobenzene	6.60	146	1188183	38.33	ng		99
13) 1,4-Dichlorobenzene	6.68	146	1261160	39.58	ng		99
14) 1,2-Dichlorobenzene	6.84	146	1211988	40.74	ng		98
15) Benzyl Alcohol	6.82	79	932543	46.20	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1264363	35.71	ng		93
17) 2-Methylphenol	6.94	107	991792	42.70	ng		96
18) Hexachloroethane	7.19	117	466187	41.02	ng		94
19) n-Nitroso-di-n-propylamine	7.10	70	767197	39.41	ng		89
20) 3+4-Methylphenols	7.10	107	1300236	45.66	ng	#	49
22) Acetophenone	7.08	105	1421108	37.36	ng	#	89
24) Nitrobenzene	7.26	77	1289548	43.11	ng		95
25) Isophorone	7.50	82	2146174	39.91	ng		98
26) 2-Nitrophenol	7.58	139	687281	46.05	ng		96
27) 2,4-Dimethylphenol	7.62	122	1167686	43.41	ng		97
28) bis(2-Chloroethoxy)methane	7.72	93	1417884	42.61	ng	#	95
29) 2,4-Dichlorophenol	7.82	162	1017961	45.10	ng		96
30) 1,2,4-Trichlorobenzene	7.90	180	987756	39.56	ng		98
31) Naphthalene	7.98	128	3141666	40.58	ng		99
32) Benzoic acid	7.74	122	512554	24.45	ng		99
33) 4-Chloroaniline	8.03	127	400199	11.93	ng		97
34) Hexachlorobutadiene	8.10	225	512916	39.23	ng		99
35) Caprolactam	8.40	113	327619m	47.66	ng		
36) 4-Chloro-3-methylphenol	8.52	107	1096431	44.85	ng		99
37) 2-Methylnaphthalene	8.67	142	2347718	46.87	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	746150	28.36	ng		98
40) Hexachlorocyclopentadiene	8.83	237	955879	104.65	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	688856	41.62	ng		99
43) 2,4,5-Trichlorophenol	8.99	196	707526	42.98	ng		98
45) 1,1'-Biphenyl	9.14	154	2352476	37.42	ng		93
46) 2-Chloronaphthalene	9.15	162	1942104	39.08	ng		99
47) 2-Nitroaniline	9.26	65	696209	49.11	ng	#	77
48) Acenaphthylene	9.56	152	3084383	41.30	ng		99
49) Dimethylphthalate	9.45	163	2574083	45.00	ng		100
50) 2,6-Dinitrotoluene	9.50	165	516578	39.11	ng	#	85
51) Acenaphthene	9.74	154	2309215	46.72	ng		98
52) 3-Nitroaniline	9.66	138	286023	19.55	ng		96
53) 2,4-Dinitrophenol	9.77	184	486640	67.29	ng	#	86
54) Dibenzofuran	9.92	168	3004790	48.40	ng	#	89
55) 4-Nitrophenol	9.83	139	945665	79.18	ng		88
56) 2,4-Dinitrotoluene	9.90	165	689738	40.25	ng	#	59
57) Fluorene	10.25	166	2089421	42.23	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	579138	48.34	ng		99
59) Diethylphthalate	10.15	149	2455655	42.26	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	907953	40.23	ng		94
61) 4-Nitroaniline	10.27	138	600889	43.80	ng		95
62) Azobenzene	10.41	77	2421007	44.31	ng		95
64) 4,6-Dinitro-2-methylphenol	10.31	198	345778	39.59	ng	#	74
65) n-Nitrosodiphenylamine	10.38	169	2145230	44.89	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	670392	42.07	ng	#	85
67) Hexachlorobenzene	10.80	284	692985	38.12	ng	#	82
68) Atrazine	10.90	200	558813	38.18	ng		96
69) Pentachlorophenol	10.99	266	716814	69.56	ng		98
70) Phenanthrene	11.21	178	3227404	42.04	ng		96
71) Anthracene	11.26	178	3283132	42.07	ng		99
72) Carbazole	11.42	167	2970222	42.43	ng		97
73) Di-n-butylphthalate	11.77	149	3881229	44.32	ng	#	98
74) Fluoranthene	12.39	202	2967852	40.64	ng		93
76) Benzidine	12.53	184	1021562	27.81	ng		96
77) Pyrene	12.62	202	2984732	32.29	ng		98
79) Butylbenzylphthalate	13.28	149	1610358	38.58	ng		86
80) Benzo(a)anthracene	13.87	228	2726987	41.95	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	512069	24.03	ng		98
82) Chrysene	13.91	228	2131528	38.25	ng		100
83) Bis(2-ethylhexyl)phthalate	13.91	149	2142125	37.25	ng		97
84) Di-n-octyl phthalate	14.61	149	3663403	47.94	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.71	276	2246928	31.60	ng		100
87) Benzo(b)fluoranthene	15.02	252	2731835m	53.08	ng		
88) Benzo(k)fluoranthene	15.05	252	1751546m	37.51	ng		
89) Benzo(a)pyrene	15.36	252	2040130	41.87	ng		98
90) Dibenzo(a,h)anthracene	16.74	278	1880769	35.57	ng		97
91) Benzo(g,h,i)perylene	17.10	276	1936266	34.77	ng		98

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

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