Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
Data File : BF089879.D
Acq On : 24 Aug 2016 17:21
Operator : UM/SJ
Sample : PB93061BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93061BSD

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Quant Time: Aug 25 13:52:53 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	6.66	152	434547	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	1734437	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	830746	20.00	ng		-0.01
63) Phenanthrene-d10	11.19	188	1512648	20.00	ng		0.00
75) Chrysene-d12	13.85	240	1118573	20.00	ng		-0.02
86) Perylene-d12	15.31	264	963270	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	3032280	119.67	ng		0.00
7) Phenol-d6	6.31	99	3362947	108.11	ng		-0.01
23) Nitrobenzene-d5	7.23	82	2020819	72.38	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	941149	119.21	ng		-0.01
44) 2-Fluorobiphenyl	9.04	172	3828118	80.99	ng		-0.01
78) Terphenyl-d14	12.78	244	3328730	67.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	407631	32.51	ng		97
3) Pyridine	2.83	79	1193234	36.28	ng		91
4) n-Nitrosodimethylamine	2.79	42	488261	39.87	ng	#	88
6) Aniline	6.33	93	1118832	26.81	ng		94
8) 2-Chlorophenol	6.46	128	1115629	36.82	ng	#	75
9) Benzaldehyde	6.20	77	252644	12.47	ng		86
10) Phenol	6.32	94	1196877	32.83	ng		97
11) bis(2-Chloroethyl)ether	6.41	93	1102494	39.00	ng		100
12) 1,3-Dichlorobenzene	6.60	146	1177109	37.16	ng		98
13) 1,4-Dichlorobenzene	6.68	146	1240980	38.11	ng		98
14) 1,2-Dichlorobenzene	6.83	146	1098726m	36.15	ng		
15) Benzyl Alcohol	6.81	79	883485	42.83	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1208724	33.41	ng		94
17) 2-Methylphenol	6.94	107	994154	41.89	ng		96
18) Hexachloroethane	7.19	117	443464	38.18	ng	#	88
19) n-Nitroso-di-n-propylamine	7.10	70	790674	39.75	ng		89
20) 3+4-Methylphenols	7.08	107	1178824	40.51	ng		95
22) Acetophenone	7.08	105	1385554	34.79	ng	#	89
24) Nitrobenzene	7.26	77	1267379	40.46	ng		92
25) Isophorone	7.50	82	2103870	37.36	ng		97
26) 2-Nitrophenol	7.58	139	653583	41.82	ng		98
27) 2,4-Dimethylphenol	7.62	122	1144907	40.65	ng		98
28) bis(2-Chloroethoxy)methane	7.71	93	1281055	36.77	ng		98
29) 2,4-Dichlorophenol	7.82	162	1017805	43.07	ng		98
30) 1,2,4-Trichlorobenzene	7.90	180	951626	36.40	ng		98
31) Naphthalene	7.98	128	3109391	38.36	ng		99
32) Benzoic acid	7.74	122	542390	24.71	ng		99
33) 4-Chloroaniline	8.02	127	543386	15.46	ng	#	87
34) Hexachlorobutadiene	8.10	225	500740	36.58	ng		98
35) Caprolactam	8.40	113	300896m	41.81	ng		
36) 4-Chloro-3-methylphenol	8.51	107	1008251	39.39	ng		90
37) 2-Methylnaphthalene	8.67	142	2172404	41.42	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	729678	27.12	ng		99
40) Hexachlorocyclopentadiene	8.83	237	930966	99.68	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	660620	39.03	ng		100
43) 2,4,5-Trichlorophenol	8.99	196	677748	40.26	ng		95
45) 1,1'-Biphenyl	9.13	154	2195986	34.16	ng		99
46) 2-Chloronaphthalene	9.15	162	1907681	37.54	ng		98
47) 2-Nitroaniline	9.26	65	657433	45.36	ng	#	69
48) Acenaphthylene	9.56	152	2913406	38.15	ng		99
49) Dimethylphthalate	9.45	163	2341558	40.03	ng	#	98
50) 2,6-Dinitrotoluene	9.50	165	486865	36.05	ng		87
51) Acenaphthene	9.74	154	2156747	42.67	ng		99
52) 3-Nitroaniline	9.66	138	340113	22.73	ng		97
53) 2,4-Dinitrophenol	9.77	184	503346	67.84	ng	#	82
54) Dibenzofuran	9.92	168	2830501	44.59	ng	#	88
55) 4-Nitrophenol	9.83	139	836806	68.52	ng		88
56) 2,4-Dinitrotoluene	9.90	165	644035	36.76	ng	#	60
57) Fluorene	10.25	166	1961023	38.76	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	576340	47.05	ng		98
59) Diethylphthalate	10.15	149	2431285	40.92	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	877104	38.01	ng		97
61) 4-Nitroaniline	10.27	138	530227	37.80	ng		94
62) Azobenzene	10.41	77	2483700	44.46	ng		96
64) 4,6-Dinitro-2-methylphenol	10.31	198	345046	39.69	ng	#	66
65) n-Nitrosodiphenylamine	10.38	169	2143680	45.07	ng		100
66) 4-Bromophenyl-phenylether	10.74	248	638776	40.28	ng	#	90
67) Hexachlorobenzene	10.80	284	647941	35.81	ng	#	87
68) Atrazine	10.90	200	519570	35.67	ng		97
69) Pentachlorophenol	10.99	266	715271	69.75	ng		98
70) Phenanthrene	11.21	178	3130016	40.97	ng		97
71) Anthracene	11.26	178	2890547	37.22	ng		99
72) Carbazole	11.42	167	2898345	41.61	ng		97
73) Di-n-butylphthalate	11.77	149	3595037	41.25	ng	#	98
74) Fluoranthene	12.39	202	2854258	39.28	ng		95
76) Benzidine	12.51	184	1205108	33.29	ng		97
77) Pyrene	12.62	202	3203166	35.17	ng		97
79) Butylbenzylphthalate	13.27	149	1680570	40.85	ng		91
80) Benzo(a)anthracene	13.84	228	2630743	41.07	ng		100
81) 3,3'-Dichlorobenzidine	13.81	252	646801	30.80	ng	#	96
82) Chrysene	13.87	228	2251079	40.99	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	2214131	39.07	ng		97
84) Di-n-octyl phthalate	14.54	149	3747402	49.76	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.61	276	2110154	30.12	ng		100
87) Benzo(b)fluoranthene	14.94	252	2245076	42.37	ng		97
88) Benzo(k)fluoranthene	14.97	252	2157974m	44.88	ng		
89) Benzo(a)pyrene	15.27	252	2061547	41.10	ng	#	96
90) Dibenzo(a,h)anthracene	16.63	278	1734613	31.86	ng		99
91) Benzo(g,h,i)perylene	16.99	276	1815735	31.67	ng		95

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

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