Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089790.D
Acq On : 19 Aug 2016 12:08
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Quant Time: Aug 19 12:55:30 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 11:53:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	575650	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	2365779	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	1101692	20.00	ng		0.01
63) Phenanthrene-d10	11.20	188	1959285	20.00	ng		0.01
75) Chrysene-d12	13.89	240	1090501	20.00	ng		0.01
86) Perylene-d12	15.42	264	1054567	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	4092572	118.62	ng		0.01
7) Phenol-d6	6.33	99	4631668	105.54	ng		0.01
23) Nitrobenzene-d5	7.27	82	4291507	110.77	ng		0.01
41) 2,4,6-Tribromophenol	10.51	330	1222684	114.72	ng		0.01
44) 2-Fluorobiphenyl	9.06	172	6670563	97.16	ng		0.01
78) Terphenyl-d14	12.79	244	4911482	134.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	985419	55.33	ng		95
3) Pyridine	2.81	79	2627287	57.24	ng		93
4) n-Nitrosodimethylamine	2.78	42	1014364	55.06	ng	#	82
6) Aniline	6.35	93	3155215	53.49	ng	#	89
8) 2-Chlorophenol	6.47	128	2228087	54.29	ng		96
9) Benzaldehyde	6.23	77	1473373	50.66	ng		89
10) Phenol	6.34	94	2497735	45.73	ng		90
11) bis(2-Chloroethyl)ether	6.43	93	2033340	50.24	ng		99
12) 1,3-Dichlorobenzene	6.63	146	2327319	53.06	ng		96
13) 1,4-Dichlorobenzene	6.71	146	2517708	56.66	ng		96
14) 1,2-Dichlorobenzene	6.87	146	2241607	52.91	ng		97
15) Benzyl Alcohol	6.83	79	1574699	53.70	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	2725332	51.33	ng		92
17) 2-Methylphenol	6.96	107	1893636	58.08	ng		95
18) Hexachloroethane	7.20	117	886703	54.44	ng	#	82
19) n-Nitroso-di-n-propylamine	7.13	70	1597418	55.58	ng	#	84
20) 3+4-Methylphenols	7.12	107	2313360	55.40	ng	#	51
22) Acetophenone	7.11	105	2686699	48.86	ng	#	88
24) Nitrobenzene	7.28	77	2043984	46.90	ng		95
25) Isophorone	7.52	82	4226340	54.52	ng		97
26) 2-Nitrophenol	7.60	139	1279498	62.39	ng	#	89
27) 2,4-Dimethylphenol	7.64	122	2308295	59.39	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	2369109	50.29	ng		97
29) 2,4-Dichlorophenol	7.84	162	1957095	60.48	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	1880350	54.13	ng		99
31) Naphthalene	8.00	128	5428695	51.12	ng	#	92
32) Benzoic acid	7.79	122	1878109	62.15	ng		98
33) 4-Chloroaniline	8.04	127	2437686	49.61	ng	#	89
34) Hexachlorobutadiene	8.12	225	1059161	58.04	ng		99
35) Caprolactam	8.44	113	538172	53.96	ng		95
36) 4-Chloro-3-methylphenol	8.54	107	1742032	49.45	ng		94
37) 2-Methylnaphthalene	8.68	142	3473262	48.05	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1933553	54.59	ng		97
40) Hexachlorocyclopentadiene	8.84	237	733815	46.49	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	1301895	56.90	ng		97
43) 2,4,5-Trichlorophenol	9.00	196	1355359	62.13	ng		99
45) 1,1'-Biphenyl	9.15	154	3967034	43.48	ng		93
46) 2-Chloronaphthalene	9.18	162	3826236	55.96	ng		96
47) 2-Nitroaniline	9.27	65	1080889	51.88	ng		92
48) Acenaphthylene	9.59	152	5555148	52.78	ng	#	92
49) Dimethylphthalate	9.46	163	3821696	47.94	ng		98
50) 2,6-Dinitrotoluene	9.52	165	1086504	60.22	ng		94
51) Acenaphthene	9.76	154	3659125	51.52	ng		97
52) 3-Nitroaniline	9.68	138	1043465	49.74	ng		98
53) 2,4-Dinitrophenol	9.78	184	561599	87.61	ng		91
54) Dibenzofuran	9.93	168	4529025	51.82	ng		99
55) 4-Nitrophenol	9.84	139	824577	51.10	ng		89
56) 2,4-Dinitrotoluene	9.92	165	1483992	63.99	ng		94
57) Fluorene	10.27	166	3763482	53.29	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	877853	51.52	ng		94
59) Diethylphthalate	10.16	149	4142321	51.25	ng		97
60) 4-Chlorophenyl-phenylether	10.27	204	1564566	45.13	ng	#	86
61) 4-Nitroaniline	10.30	138	1022075	50.18	ng		97
62) Azobenzene	10.42	77	3923832	51.38	ng		95
64) 4,6-Dinitro-2-methylphenol	10.32	198	621772	54.65	ng		94
65) n-Nitrosodiphenylamine	10.39	169	3073478	49.99	ng		98
66) 4-Bromophenyl-phenylether	10.75	248	1032395	50.88	ng	#	75
67) Hexachlorobenzene	10.81	284	1182492	52.42	ng	#	74
68) Atrazine	10.93	200	1155644	62.05	ng		97
69) Pentachlorophenol	11.01	266	826955	58.85	ng		98
70) Phenanthrene	11.22	178	4468077	46.40	ng		92
71) Anthracene	11.28	178	5581153	55.47	ng		96
72) Carbazole	11.43	167	4296611	45.07	ng		96
73) Di-n-butylphthalate	11.78	149	6062828	52.29	ng	#	96
74) Fluoranthene	12.40	202	4648390	48.04	ng		91
76) Benzidine	12.54	184	2154146	55.04	ng		98
77) Pyrene	12.63	202	4560176	63.90	ng		95
79) Butylbenzylphthalate	13.29	149	2423396	67.69	ng		95
80) Benzo(a)anthracene	13.87	228	3422185m	54.01	ng		
81) 3,3'-Dichlorobenzidine	13.84	252	1169312	50.65	ng		98
82) Chrysene	13.91	228	2799687m	49.10	ng		
83) Bis(2-ethylhexyl)phthalate	13.90	149	3099820	65.43	ng	#	99
84) Di-n-octyl phthalate	14.59	149	4442458	60.33	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.72	276	4253142	87.55	ng		99
87) Benzo(b)fluoranthene	15.02	252	3159767	47.29	ng		96
88) Benzo(k)fluoranthene	15.05	252	3100824m	56.38	ng		
89) Benzo(a)pyrene	15.36	252	3078834	55.81	ng		98
90) Dibenzo(a,h)anthracene	16.74	278	3477220	80.05	ng		97
91) Benzo(g,h,i)perylene	17.11	276	3687069	83.40	ng		99

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

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