Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
Data File : BF091967.D
Acq On : 27 Dec 2016 14:59
Operator : UM/SJ
Sample : H6226-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDW-01-122116MSD

Quant Time: Dec 28 10:04:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 09:54:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	294120	20.00	ng		-0.02
21) Naphthalene-d8	8.02	136	1190564	20.00	ng		-0.02
38) Acenaphthene-d10	9.78	164	510158	20.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	779277	20.00	ng		-0.01
75) Chrysene-d12	13.89	240	552989	20.00	ng		-0.01
86) Perylene-d12	15.29	264	453109	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	2301411	130.65	ng		0.02
7) Phenol-d6	6.42	99	2790361	129.75	ng		0.01
23) Nitrobenzene-d5	7.31	82	2148959	100.37	ng		-0.01
41) 2,4,6-Tribromophenol	10.58	330	634912	150.38	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2536644	104.90	ng		-0.01
78) Terphenyl-d14	12.84	244	2227708	97.70	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	361465	41.68	ng		99
3) Pyridine	3.00	79	1205765	39.84	ng		96
4) n-Nitrosodimethylamine	2.97	42	492034	43.10	ng		97
6) Aniline	6.41	93	227235	8.13	ng	#	83
8) 2-Chlorophenol	6.53	128	1004651	50.14	ng		98
10) Phenol	6.43	94	1194307	48.73	ng	#	75
11) bis(2-Chloroethyl)ether	6.48	93	1052166	53.96	ng		99
12) 1,3-Dichlorobenzene	6.67	146	1039231	48.59	ng	#	94
13) 1,4-Dichlorobenzene	6.75	146	1071525	49.22	ng		96
14) 1,2-Dichlorobenzene	6.90	146	871549	46.13	ng		96
15) Benzyl Alcohol	6.90	79	758378	45.38	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1540335	53.05	ng	#	48
17) 2-Methylphenol	7.04	107	876483	54.39	ng		96
18) Hexachloroethane	7.24	117	400428	49.61	ng		93
19) n-Nitroso-di-n-propylamine	7.16	70	842451	58.88	ng		99
20) 3+4-Methylphenols	7.18	107	1152935	59.99	ng	#	73
22) Acetophenone	7.15	105	1560729	53.15	ng	#	93
24) Nitrobenzene	7.32	77	1145592	50.24	ng		99
25) Isophorone	7.57	82	2187157	55.37	ng		100
26) 2-Nitrophenol	7.64	139	597627	53.14	ng		97
27) 2,4-Dimethylphenol	7.71	122	959570	51.45	ng		93
28) bis(2-Chloroethoxy)methane	7.78	93	1220052	50.93	ng		99
29) 2,4-Dichlorophenol	7.90	162	866317	54.85	ng		94
30) 1,2,4-Trichlorobenzene	7.96	180	855433	49.43	ng	#	94
31) Naphthalene	8.04	128	2645814	48.56	ng		100
32) Benzoic acid	7.87	122	648274	46.86	ng		98
33) 4-Chloroaniline	8.13	127	103786	4.22	ng		94
34) Hexachlorobutadiene	8.17	225	487886	53.40	ng		99
35) Caprolactam	8.50	113	236429m	45.55	ng		
36) 4-Chloro-3-methylphenol	8.62	107	788122	43.36	ng		94
37) 2-Methylnaphthalene	8.74	142	1634923	43.75	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	633945	49.18	ng		99
40) Hexachlorocyclopentadiene	8.89	237	511565	88.66	ng		95
42) 2,4,6-Trichlorophenol	9.02	196	435815	48.35	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	436555	47.06	ng		97
45) 1,1'-Biphenyl	9.21	154	1998285	57.21	ng		99
46) 2-Chloronaphthalene	9.23	162	1502826	54.33	ng		99
47) 2-Nitroaniline	9.33	65	442773	44.96	ng		96
48) Acenaphthylene	9.64	152	2104134	49.46	ng		99
49) Dimethylphthalate	9.52	163	1657527	50.80	ng		99
50) 2,6-Dinitrotoluene	9.57	165	330243	46.24	ng	#	66
51) Acenaphthene	9.81	154	1434292	49.73	ng		99
52) 3-Nitroaniline	9.74	138	103809	11.75	ng		87
53) 2,4-Dinitrophenol	9.86	184	449650	113.15	ng	#	76
54) Dibenzofuran	9.98	168	1790018	45.96	ng		97
55) 4-Nitrophenol	9.95	139	544154	90.68	ng		93
56) 2,4-Dinitrotoluene	9.98	165	486561	54.28	ng		91
57) Fluorene	10.33	166	1519915	53.63	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	363290	49.51	ng		97
59) Diethylphthalate	10.21	149	1675963	52.89	ng		98
60) 4-Chlorophenyl-phenylether	10.32	204	577812	46.57	ng		98
61) 4-Nitroaniline	10.36	138	249233	27.21	ng		96
62) Azobenzene	10.48	77	1720778	49.32	ng		99
64) 4,6-Dinitro-2-methylphenol	10.38	198	276479	58.67	ng	#	44
65) n-Nitrosodiphenylamine	10.44	169	1127429	48.76	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	449156	55.41	ng		96
67) Hexachlorobenzene	10.88	284	492604	56.85	ng	#	92
68) Atrazine	10.97	200	112066	15.02	ng		96
69) Pentachlorophenol	11.08	266	453606	106.69	ng		99
70) Phenanthrene	11.29	178	2328935	55.12	ng		99
71) Anthracene	11.33	178	1973469	58.80	ng		100
72) Carbazole	11.49	167	1711880	54.04	ng		99
73) Di-n-butylphthalate	11.83	149	2245652	57.20	ng		100
74) Fluoranthene	12.47	202	1999940	54.78	ng		99
77) Pyrene	12.69	202	2005743	49.44	ng		100
79) Butylbenzylphthalate	13.32	149	1025016	55.55	ng		93
80) Benzo(a)anthracene	13.88	228	1547126	49.56	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	162547	13.73	ng	#	95
82) Chrysene	13.92	228	1544471	49.33	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1152638	53.04	ng		99
84) Di-n-octyl phthalate	14.50	149	2207935	54.85	ng		99
85) Indeno(1,2,3-cd)pyrene	16.64	276	1552143	57.22	ng		98
87) Benzo(b)fluoranthene	14.90	252	1508326m	53.47	ng		
88) Benzo(k)fluoranthene	14.93	252	1460458m	60.71	ng		
89) Benzo(a)pyrene	15.23	252	1413750	56.46	ng		99
90) Dibenzo(a,h)anthracene	16.65	278	1243410	60.42	ng		98
91) Benzo(g,h,i)perylene	17.04	276	1329283	62.12	ng		98

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

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