Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
Data File : BF091820.D
Acq On : 20 Dec 2016 15:17
Operator : UM/SJ
Sample : H6165-01MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5-9-10MSD

Quant Time: Dec 21 00:29:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	206912	20.00	ng		-0.01
21) Naphthalene-d8	8.04	136	829024	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	438949	20.00	ng		-0.01
63) Phenanthrene-d10	11.28	188	688173	20.00	ng		-0.01
75) Chrysene-d12	13.92	240	510548	20.00	ng		-0.01
86) Perylene-d12	15.31	264	424663	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1670492	135.26	ng		0.01
7) Phenol-d6	6.42	99	1933009	128.34	ng		0.00
23) Nitrobenzene-d5	7.33	82	1388874	96.61	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	432062	116.08	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1968179	90.08	ng		-0.01
78) Terphenyl-d14	12.87	244	1592511	78.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	260285	42.80	ng		99
3) Pyridine	3.06	79	832930	42.51	ng		96
4) n-Nitrosodimethylamine	3.01	42	400163	52.77	ng		98
6) Aniline	6.43	93	672005	34.67	ng	#	73
8) 2-Chlorophenol	6.56	128	680012	50.02	ng		86
9) Benzaldehyde	6.30	77	100394	8.68	ng		99
10) Phenol	6.43	94	828243	48.79	ng		93
11) bis(2-Chloroethyl)ether	6.50	93	685078	50.53	ng		96
12) 1,3-Dichlorobenzene	6.70	146	727886	48.75	ng		97
13) 1,4-Dichlorobenzene	6.77	146	684974	45.35	ng		100
14) 1,2-Dichlorobenzene	6.93	146	676522	51.13	ng		98
15) Benzyl Alcohol	6.91	79	541900	46.47	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	911491	43.99	ng		91
17) 2-Methylphenol	7.04	107	566516	49.87	ng		96
18) Hexachloroethane	7.28	117	269962	48.10	ng		97
19) n-Nitroso-di-n-propylamine	7.18	70	467717	46.68	ng		98
20) 3+4-Methylphenols	7.20	107	722027	56.98	ng	#	73
22) Acetophenone	7.17	105	963633	48.14	ng		95
24) Nitrobenzene	7.34	77	683403	44.27	ng		99
25) Isophorone	7.60	82	1388650	50.63	ng		100
26) 2-Nitrophenol	7.66	139	365315	49.05	ng		99
27) 2,4-Dimethylphenol	7.72	122	635082	52.27	ng		93
28) bis(2-Chloroethoxy)methane	7.80	93	813439	50.69	ng		99
29) 2,4-Dichlorophenol	7.92	162	589817	52.64	ng		96
30) 1,2,4-Trichlorobenzene	7.98	180	588715	48.48	ng	#	94
31) Naphthalene	8.06	128	1849534	46.70	ng		100
32) Benzoic acid	7.81	122	75967	8.77	ng		96
33) 4-Chloroaniline	8.12	127	536896	32.18	ng		99
34) Hexachlorobutadiene	8.19	225	332372	48.68	ng		99
35) Caprolactam	8.50	113	180869m	50.17	ng		
36) 4-Chloro-3-methylphenol	8.62	107	664955	53.80	ng		95
37) 2-Methylnaphthalene	8.76	142	1270765	50.89	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	530905	48.52	ng		99
40) Hexachlorocyclopentadiene	8.91	237	437083	94.25	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	392925	50.26	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	376946	49.08	ng		95
45) 1,1'-Biphenyl	9.23	154	1567081	49.81	ng		98
46) 2-Chloronaphthalene	9.25	162	1178507	50.12	ng		98
47) 2-Nitroaniline	9.34	65	389935	48.58	ng		95
48) Acenaphthylene	9.66	152	1804840	49.54	ng		99
49) Dimethylphthalate	9.54	163	1938913	67.62	ng		100
50) 2,6-Dinitrotoluene	9.60	165	333590	53.06	ng		93
51) Acenaphthene	9.84	154	1149943	45.99	ng		99
52) 3-Nitroaniline	9.76	138	261624	33.43	ng		96
53) 2,4-Dinitrophenol	9.87	184	103681	30.53	ng	#	87
54) Dibenzofuran	10.01	168	1602307	53.89	ng		100
55) 4-Nitrophenol	9.95	139	501549	92.27	ng	#	72
56) 2,4-Dinitrotoluene	10.00	165	375577	47.83	ng		90
57) Fluorene	10.35	166	1228484	53.20	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	308983	48.66	ng		100
59) Diethylphthalate	10.24	149	1352260	47.98	ng		95
60) 4-Chlorophenyl-phenylether	10.34	204	491539	46.73	ng		99
61) 4-Nitroaniline	10.37	138	329451	44.43	ng		99
62) Azobenzene	10.50	77	1441887	48.08	ng		99
64) 4,6-Dinitro-2-methylphenol	10.41	198	171058	37.69	ng		90
65) n-Nitrosodiphenylamine	10.46	169	1083607	50.71	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	360324	49.93	ng		93
67) Hexachlorobenzene	10.90	284	385940	51.04	ng	#	89
68) Atrazine	10.99	200	343187	53.14	ng		96
69) Pentachlorophenol	11.09	266	328738	80.56	ng		99
70) Phenanthrene	11.31	178	1829414	53.20	ng		98
71) Anthracene	11.36	178	1689281	46.38	ng		99
72) Carbazole	11.52	167	1604758	50.39	ng		99
73) Di-n-butylphthalate	11.85	149	1837291	45.00	ng		99
74) Fluoranthene	12.49	202	1637203	45.59	ng		98
76) Benzidine	12.61	184	780447	53.11	ng		97
77) Pyrene	12.72	202	1664743	45.15	ng		100
79) Butylbenzylphthalate	13.35	149	845050	48.97	ng		88
80) Benzo(a)anthracene	13.91	228	1347415	46.14	ng		100
81) 3,3'-Dichlorobenzidine	13.87	252	377754	32.33	ng	#	95
82) Chrysene	13.94	228	1115320	36.85	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	959828	43.85	ng	#	98
84) Di-n-octyl phthalate	14.51	149	1702683	42.21	ng		99
85) Indeno(1,2,3-cd)pyrene	16.66	276	1242140	41.73	ng		99
87) Benzo(b)fluoranthene	14.92	252	1295640m	48.11	ng		
88) Benzo(k)fluoranthene	14.95	252	1040933m	55.09	ng		
89) Benzo(a)pyrene	15.25	252	1131423	48.95	ng		98
90) Dibenzo(a,h)anthracene	16.68	278	1023674	50.81	ng	#	94
91) Benzo(g,h,i)perylene	17.07	276	1088243	53.15	ng		98

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

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