Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
Data File : BF091966.D
Acq On : 27 Dec 2016 14:31
Operator : UM/SJ
Sample : H6226-07MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDW-01-122116MS

Quant Time: Dec 28 10:00:34 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	224349	20.00	ng		-0.02
21) Naphthalene-d8	8.02	136	931705	20.00	ng		-0.02
38) Acenaphthene-d10	9.78	164	507816	20.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	790380	20.00	ng		-0.01
75) Chrysene-d12	13.89	240	530455	20.00	ng		-0.01
86) Perylene-d12	15.29	264	415185	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1899379	141.36	ng		0.02
7) Phenol-d6	6.42	99	2397777	146.17	ng		0.01
23) Nitrobenzene-d5	7.31	82	1746311	104.22	ng		-0.01
41) 2,4,6-Tribromophenol	10.58	330	621893	147.98	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2568336	106.96	ng		-0.01
78) Terphenyl-d14	12.84	244	2319110	106.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	311168	47.04	ng		99
3) Pyridine	2.99	79	875255	37.91	ng		100
4) n-Nitrosodimethylamine	2.96	42	381742	43.83	ng		95
8) 2-Chlorophenol	6.53	128	819101	53.59	ng		98
9) Benzaldehyde	6.27	77	93249	7.57	ng		98
10) Phenol	6.43	94	1023122	54.73	ng	#	74
11) bis(2-Chloroethyl)ether	6.48	93	983188	66.10	ng		97
12) 1,3-Dichlorobenzene	6.67	146	833046	51.06	ng	#	94
13) 1,4-Dichlorobenzene	6.75	146	797586	48.03	ng		97
14) 1,2-Dichlorobenzene	6.90	146	643276	44.64	ng		96
15) Benzyl Alcohol	6.90	79	631376	49.53	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1115958	50.38	ng	#	47
17) 2-Methylphenol	7.04	107	645008	52.47	ng		97
18) Hexachloroethane	7.24	117	300510	48.81	ng		92
19) n-Nitroso-di-n-propylamine	7.16	70	590619	54.12	ng		99
20) 3+4-Methylphenols	7.18	107	832469	56.78	ng	#	74
22) Acetophenone	7.15	105	1143563	49.76	ng	#	94
24) Nitrobenzene	7.32	77	872479	48.89	ng		99
25) Isophorone	7.57	82	1613776	52.20	ng		97
26) 2-Nitrophenol	7.64	139	445502	50.62	ng		97
27) 2,4-Dimethylphenol	7.70	122	673276	46.13	ng		98
28) bis(2-Chloroethoxy)methane	7.78	93	880346	46.96	ng		100
29) 2,4-Dichlorophenol	7.90	162	686012	55.50	ng		95
30) 1,2,4-Trichlorobenzene	7.96	180	652244	48.16	ng	#	95
31) Naphthalene	8.04	128	2054401	48.18	ng		100
32) Benzoic acid	7.86	122	441787	40.81	ng		98
33) 4-Chloroaniline	8.12	127	177721	9.24	ng		98
34) Hexachlorobutadiene	8.17	225	381047	53.30	ng		98
35) Caprolactam	8.50	113	184619m	45.45	ng		
36) 4-Chloro-3-methylphenol	8.61	107	684548	48.13	ng		100
37) 2-Methylnaphthalene	8.74	142	1550048	53.01	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	586003	45.67	ng		98
40) Hexachlorocyclopentadiene	8.89	237	531124	92.31	ng		96
42) 2,4,6-Trichlorophenol	9.02	196	428841	47.79	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	434592	47.06	ng	#	92
45) 1,1'-Biphenyl	9.21	154	1873171	53.87	ng		98
46) 2-Chloronaphthalene	9.23	162	1408300	51.14	ng		98
47) 2-Nitroaniline	9.33	65	411619	41.98	ng		95
48) Acenaphthylene	9.64	152	2056433	48.56	ng		100
49) Dimethylphthalate	9.52	163	1664782	51.26	ng		99
50) 2,6-Dinitrotoluene	9.57	165	327737	46.10	ng	#	68
51) Acenaphthene	9.81	154	1370458	47.73	ng		99
52) 3-Nitroaniline	9.74	138	155292	17.65	ng		89
53) 2,4-Dinitrophenol	9.86	184	428072	108.22	ng	#	87
54) Dibenzofuran	9.98	168	1785441	46.05	ng		98
55) 4-Nitrophenol	9.95	139	554444	92.82	ng	#	85
56) 2,4-Dinitrotoluene	9.97	165	445909	49.98	ng	#	74
57) Fluorene	10.33	166	1485448	52.66	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	359286	49.19	ng	#	96
59) Diethylphthalate	10.21	149	1629060	51.65	ng		98
60) 4-Chlorophenyl-phenylether	10.32	204	569238	46.09	ng		99
61) 4-Nitroaniline	10.36	138	221359	24.28	ng		99
62) Azobenzene	10.48	77	1688257	48.61	ng		99
64) 4,6-Dinitro-2-methylphenol	10.38	198	253236	52.99	ng	#	43
65) n-Nitrosodiphenylamine	10.44	169	1092272	46.57	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	431300	52.46	ng		94
67) Hexachlorobenzene	10.88	284	467866	53.24	ng	#	90
68) Atrazine	10.97	200	57721	7.63	ng		97
69) Pentachlorophenol	11.07	266	441003	102.27	ng		97
70) Phenanthrene	11.29	178	2206909	51.49	ng		99
71) Anthracene	11.33	178	1879644	52.40	ng		100
72) Carbazole	11.49	167	1677822	50.04	ng		99
73) Di-n-butylphthalate	11.82	149	2157597	53.95	ng		100
74) Fluoranthene	12.46	202	1969153	53.06	ng		99
77) Pyrene	12.69	202	1903246	48.90	ng		100
79) Butylbenzylphthalate	13.32	149	964152	54.47	ng		96
80) Benzo(a)anthracene	13.88	228	1545600	51.62	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	87947	7.75	ng	#	97
82) Chrysene	13.93	228	1580014	52.61	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1147701	55.06	ng		100
84) Di-n-octyl phthalate	14.50	149	2179785	56.45	ng		99
85) Indeno(1,2,3-cd)pyrene	16.64	276	1482341	56.97	ng		99
87) Benzo(b)fluoranthene	14.90	252	1468849m	56.82	ng		
88) Benzo(k)fluoranthene	14.93	252	1477599m	67.03	ng		
89) Benzo(a)pyrene	15.23	252	1351520	58.91	ng		98
90) Dibenzo(a,h)anthracene	16.65	278	1207313	64.02	ng		98
91) Benzo(g,h,i)perylene	17.04	276	1276527	65.10	ng		98

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

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