Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
Data File : BF084309.D
Acq On : 7 Jan 2016 17:01
Operator : SJ/UM
Sample : H1028-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW002MS

Manual Integrations APPROVED
UMANGI
1/8/2016 10:42:56 AM

Quant Time: Jan 08 01:06:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	236310	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	963636	20.00	ng		-0.03
38) Acenaphthene-d10	9.92	164	453579	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	805192	20.00	ng		-0.03
75) Chrysene-d12	14.03	240	644022	20.00	ng		-0.03
86) Perylene-d12	15.46	264	518969	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	2179015	149.15	ng		0.00
7) Phenol-d6	6.52	99	2418646	131.81	ng		-0.01
23) Nitrobenzene-d5	7.44	82	1664833	96.15	ng		-0.03
41) 2,4,6-Tribromophenol	10.70	330	586061	127.98	ng		-0.03
44) 2-Fluorobiphenyl	9.23	172	2597300	102.00	ng		-0.03
78) Terphenyl-d14	12.98	244	2179956	75.56	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	277333	40.07	ng	#	73
3) Pyridine	3.25	79	794935	41.20	ng	#	71
4) n-Nitrosodimethylamine	3.22	42	471618	47.62	ng		82
6) Aniline	6.53	93	851263	31.71	ng	#	24
8) 2-Chlorophenol	6.66	128	793012	47.84	ng		88
9) Benzaldehyde	6.41	77	232078	19.42	ng		89
10) Phenol	6.53	94	933754	44.76	ng		77
11) bis(2-Chloroethyl)ether	6.61	93	849326	52.55	ng		87
12) 1,3-Dichlorobenzene	6.81	146	776803m	45.43	ng		
13) 1,4-Dichlorobenzene	6.89	146	843935	49.22	ng		95
14) 1,2-Dichlorobenzene	7.05	146	741937	45.18	ng		93
15) Benzyl Alcohol	7.01	79	739751	47.93	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1312321	44.59	ng		88
17) 2-Methylphenol	7.14	107	662954	47.72	ng	#	93
18) Hexachloroethane	7.38	117	321459	46.88	ng	#	90
19) n-Nitroso-di-n-propylamine	7.30	70	603101	48.56	ng	#	80
20) 3+4-Methylphenols	7.29	107	801873	49.11	ng	#	50
22) Acetophenone	7.29	105	1107922	47.81	ng	#	91
24) Nitrobenzene	7.46	77	895581	51.00	ng		97
25) Isophorone	7.70	82	1588990	47.98	ng		99
26) 2-Nitrophenol	7.78	139	456299	57.09	ng		92
27) 2,4-Dimethylphenol	7.82	122	805299	49.78	ng		90
28) bis(2-Chloroethoxy)methane	7.92	93	1031039	50.97	ng		97
29) 2,4-Dichlorophenol	8.02	162	640928	47.56	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	707807	50.88	ng		97
31) Naphthalene	8.18	128	2125952	48.63	ng		98
32) Benzoic acid	7.92	122	158603	19.50	ng		95
33) 4-Chloroaniline	8.22	127	406483	20.28	ng		97
34) Hexachlorobutadiene	8.29	225	387852	48.50	ng		98
35) Caprolactam	8.60	113	221271m	48.71	ng		
36) 4-Chloro-3-methylphenol	8.73	107	790635	52.38	ng		93
37) 2-Methylnaphthalene	8.86	142	1465533	46.70	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	615707	47.22	ng	#	97
40) Hexachlorocyclopentadiene	9.02	237	701372	89.10	ng		98

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Quant Time: Jan 08 01:06:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	447875	45.91	ng		97
43) 2,4,5-Trichlorophenol	9.20	196	451488	48.28	ng	#	86
45) 1,1'-Biphenyl	9.33	154	1638009	45.44	ng		99
46) 2-Chloronaphthalene	9.36	162	1262732	44.59	ng		96
47) 2-Nitroaniline	9.46	65	517862	55.41	ng		93
48) Acenaphthylene	9.78	152	2126028	50.82	ng		97
49) Dimethylphthalate	9.64	163	1754870	54.12	ng	#	90
50) 2,6-Dinitrotoluene	9.70	165	325858	45.82	ng	#	50
51) Acenaphthene	9.95	154	1557397	55.50	ng		98
52) 3-Nitroaniline	9.87	138	306194	34.75	ng		88
53) 2,4-Dinitrophenol	9.97	184	247965	81.77	ng	#	89
54) Dibenzofuran	10.12	168	1917059	53.30	ng		97
55) 4-Nitrophenol	10.04	139	608371	95.10	ng	#	79
56) 2,4-Dinitrotoluene	10.10	165	440144	48.90	ng	#	81
57) Fluorene	10.46	166	1420366	50.85	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	365479	45.77	ng		94
59) Diethylphthalate	10.34	149	1480219	46.30	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	658635	57.79	ng		97
61) 4-Nitroaniline	10.49	138	366717	46.68	ng		94
62) Azobenzene	10.61	77	1717866	48.99	ng		91
64) 4,6-Dinitro-2-methylphenol	10.51	198	242072	49.82	ng		95
65) n-Nitrosodiphenylamine	10.58	169	1306441	50.75	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	454147	52.40	ng		97
67) Hexachlorobenzene	11.00	284	429536	44.04	ng	#	80
68) Atrazine	11.10	200	418214	49.64	ng		99
69) Pentachlorophenol	11.21	266	440401	87.07	ng		99
70) Phenanthrene	11.42	178	2149509	51.04	ng		97
71) Anthracene	11.47	178	1925669	46.64	ng		97
72) Carbazole	11.63	167	1982832	49.12	ng		98
73) Di-n-butylphthalate	11.96	149	2344138	58.97	ng	#	95
74) Fluoranthene	12.60	202	1940879	44.11	ng		99
76) Benzidine	12.73	184	942837	40.83	ng		99
77) Pyrene	12.83	202	1970064	38.98	ng		98
79) Butylbenzylphthalate	13.46	149	1084141	49.57	ng		96
80) Benzo(a)anthracene	14.02	228	1640106	43.37	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	397939	30.15	ng	#	96
82) Chrysene	14.05	228	1472838	40.53	ng		97
83) Bis(2-ethylhexyl)phthalate	14.02	149	1315438	47.61	ng	#	95
84) Di-n-octyl phthalate	14.63	149	2091461	44.84	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.87	276	1484475	51.54	ng		99
87) Benzo(b)fluoranthene	15.05	252	1482573	43.67	ng	#	96
88) Benzo(k)fluoranthene	15.08	252	1529726m	55.10	ng		
89) Benzo(a)pyrene	15.40	252	1416254	49.18	ng		98
90) Dibenzo(a,h)anthracene	16.88	278	1211051	48.88	ng		99
91) Benzo(g,h,i)perylene	17.29	276	1238393	48.26	ng		100

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

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