Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
Data File : BF089546.D
Acq On : 2 Aug 2016 14:43
Operator : UM/SJ
Sample : H4269-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52-13.0-14.0MS

Quant Time: Aug 03 11:40:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 03 01:32:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	38335	20.00	ng		0.01
21) Naphthalene-d8	7.76	136	162500	20.00	ng		0.00
38) Acenaphthene-d10	9.51	164	67004	20.00	ng		0.00
63) Phenanthrene-d10	10.97	188	117098	20.00	ng		0.00
75) Chrysene-d12	13.59	240	74848	20.00	ng		-0.01
86) Perylene-d12	14.91	264	76163	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.04	112	349971	145.77	ng		0.01
7) Phenol-d6	6.15	99	454049	143.11	ng		0.01
23) Nitrobenzene-d5	7.05	82	284792	103.45	ng		0.00
41) 2,4,6-Tribromophenol	10.30	330	78805	142.01	ng		0.00
44) 2-Fluorobiphenyl	8.84	172	504023	110.39	ng		0.00
78) Terphenyl-d14	12.55	244	304663	95.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.88	88	40580	37.05	ng	#	87
3) Pyridine	2.47	79	108550	46.21	ng		98
4) n-Nitrosodimethylamine	2.44	42	51019	51.99	ng		98
6) Aniline	6.14	93	168024m	49.04	ng		
8) 2-Chlorophenol	6.26	128	146551	53.96	ng		99
9) Benzaldehyde	6.01	77	67404	43.51	ng		90
10) Phenol	6.16	94	197708	56.47	ng		83
11) bis(2-Chloroethyl)ether	6.23	93	149721	50.33	ng		97
12) 1,3-Dichlorobenzene	6.41	146	134829m	47.46	ng		
13) 1,4-Dichlorobenzene	6.49	146	149232	47.60	ng		96
14) 1,2-Dichlorobenzene	6.64	146	135530m	46.15	ng		
15) Benzyl Alcohol	6.64	79	123817	62.88	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.78	45	159408	49.13	ng		86
17) 2-Methylphenol	6.76	107	111437	53.09	ng		97
18) Hexachloroethane	6.98	117	53513	44.52	ng	#	87
19) n-Nitroso-di-n-propylamine	6.91	70	112748	58.93	ng		93
20) 3+4-Methylphenols	6.92	107	144015	53.43	ng	#	84
22) Acetophenone	6.90	105	185725	48.01	ng		98
24) Nitrobenzene	7.07	77	149013	47.56	ng		100
25) Isophorone	7.31	82	277658	50.07	ng		98
26) 2-Nitrophenol	7.38	139	68816	49.12	ng	#	72
27) 2,4-Dimethylphenol	7.45	122	121021	54.23	ng		95
28) bis(2-Chloroethoxy)methane	7.53	93	164789	53.68	ng		99
29) 2,4-Dichlorophenol	7.63	162	113979	56.05	ng		92
30) 1,2,4-Trichlorobenzene	7.71	180	114542	49.37	ng		99
31) Naphthalene	7.78	128	406862	50.56	ng		100
32) Benzoic acid	7.58	122	16812	10.81	ng		96
33) 4-Chloroaniline	7.85	127	123670	40.37	ng		99
34) Hexachlorobutadiene	7.91	225	62646	47.14	ng		99
35) Caprolactam	8.23	113	33470	54.53	ng		95
36) 4-Chloro-3-methylphenol	8.35	107	130257	53.89	ng		96
37) 2-Methylnaphthalene	8.47	142	238965	49.28	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	97188	41.45	ng		99
40) Hexachlorocyclopentadiene	8.63	237	42963	66.03	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	66911	60.02	ng		98
43) 2,4,5-Trichlorophenol	8.81	196	73860	52.31	ng		98
45) 1,1'-Biphenyl	8.94	154	280733	49.21	ng		98
46) 2-Chloronaphthalene	8.96	162	245726	57.35	ng		95
47) 2-Nitroaniline	9.07	65	75198	59.27	ng		95
48) Acenaphthylene	9.36	152	352739	52.27	ng		99
49) Dimethylphthalate	9.26	163	385531	75.60	ng		100
50) 2,6-Dinitrotoluene	9.31	165	60909	58.13	ng		91
51) Acenaphthene	9.53	154	206890	52.50	ng		99
52) 3-Nitroaniline	9.48	138	51225	46.33	ng		98
53) 2,4-Dinitrophenol	9.60	184	21565	54.21	ng		96
54) Dibenzofuran	9.71	168	310958	57.91	ng		95
55) 4-Nitrophenol	9.68	139	47865m	88.20	ng		
56) 2,4-Dinitrotoluene	9.71	165	73142	53.03	ng		90
57) Fluorene	10.04	166	229221	48.90	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.84	232	60148	63.80	ng		98
59) Diethylphthalate	9.94	149	259023	50.10	ng		100
60) 4-Chlorophenyl-phenylether	10.04	204	107780	50.12	ng	#	79
61) 4-Nitroaniline	10.09	138	52943	46.45	ng		99
62) Azobenzene	10.20	77	302237	56.77	ng		94
64) 4,6-Dinitro-2-methylphenol	10.12	198	27782	40.10	ng		78
65) n-Nitrosodiphenylamine	10.17	169	217666	59.57	ng		99
66) 4-Bromophenyl-phenylether	10.52	248	58420	52.25	ng	#	67
67) Hexachlorobenzene	10.59	284	61262	53.47	ng	#	80
68) Atrazine	10.71	200	67755	60.36	ng		99
69) Pentachlorophenol	10.80	266	53316	94.83	ng		98
70) Phenanthrene	10.99	178	307792	50.97	ng		99
71) Anthracene	11.05	178	349441	52.04	ng		100
72) Carbazole	11.21	167	299409	52.97	ng		98
73) Di-n-butylphthalate	11.55	149	374150	49.34	ng		99
74) Fluoranthene	12.17	202	288350	45.39	ng		95
76) Benzidine	12.31	184	165655	59.90	ng		96
77) Pyrene	12.40	202	304028	53.60	ng		99
79) Butylbenzylphthalate	13.03	149	134118	52.00	ng	#	84
80) Benzo(a)anthracene	13.58	228	224950	53.26	ng		100
81) 3,3'-Dichlorobenzidine	13.55	252	79130	52.06	ng	#	98
82) Chrysene	13.62	228	225758	50.21	ng		99
83) Bis(2-ethylhexyl)phthalate	13.60	149	176490	47.34	ng	#	98
84) Di-n-octyl phthalate	14.21	149	293665	50.48	ng		99
85) Indeno(1,2,3-cd)pyrene	16.08	276	230576	72.13	ng		98
87) Benzo(b)fluoranthene	14.58	252	262826m	55.57	ng		
88) Benzo(k)fluoranthene	14.61	252	178632m	41.08	ng		
89) Benzo(a)pyrene	14.87	252	214579	50.57	ng		98
90) Dibenzo(a,h)anthracene	16.09	278	193404	57.86	ng		96
91) Benzo(g,h,i)perylene	16.42	276	189053	57.54	ng		98

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

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