Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084059.D
Acq On : 24 Dec 2015 3:20
Operator : UM/SJ
Sample : G4936-01MSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-01MSD

Quant Time: Dec 24 04:45:36 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	49303	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	192705	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	85837	20.00	ng		-0.01
63) Phenanthrene-d10	11.35	188	147711	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	99970	20.00	ng		-0.01
86) Perylene-d12	15.41	264	83911	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	329696	114.02	ng		0.02
7) Phenol-d6	6.49	99	419543	123.40	ng		0.01
23) Nitrobenzene-d5	7.39	82	289931	92.43	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	122859	148.81	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	559820	87.77	ng		-0.01
78) Terphenyl-d14	12.93	244	448453	106.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	38229	27.77	ng	#	86
3) Pyridine	3.29	79	77767m	24.82	ng		
4) n-Nitrosodimethylamine	3.18	42	49332	42.36	ng		93
6) Aniline	6.49	93	40654	8.64	ng	#	1
8) 2-Chlorophenol	6.61	128	139729	41.96	ng		96
9) Benzaldehyde	6.37	77	36282	15.98	ng		86
10) Phenol	6.50	94	159241	40.49	ng		88
11) bis(2-Chloroethyl)ether	6.56	93	120987	40.25	ng		94
12) 1,3-Dichlorobenzene	6.76	146	153463	41.48	ng		98
13) 1,4-Dichlorobenzene	6.84	146	147709m	40.89	ng		
14) 1,2-Dichlorobenzene	6.99	146	148418	42.98	ng		98
15) Benzyl Alcohol	6.98	79	123279	46.05	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	115997	39.98	ng	#	34
17) 2-Methylphenol	7.09	107	108412	40.87	ng	#	88
18) Hexachloroethane	7.33	117	54590	41.21	ng		93
19) n-Nitroso-di-n-propylamine	7.24	70	95143	46.18	ng	#	90
20) 3+4-Methylphenols	7.25	107	150823	46.08	ng	#	48
22) Acetophenone	7.23	105	195069	43.14	ng	#	93
24) Nitrobenzene	7.40	77	136560	42.24	ng		96
25) Isophorone	7.65	82	269445	45.33	ng	#	94
26) 2-Nitrophenol	7.72	139	71765	41.25	ng	#	87
27) 2,4-Dimethylphenol	7.78	122	136812	45.12	ng		93
28) bis(2-Chloroethoxy)methane	7.86	93	166189	45.14	ng		99
29) 2,4-Dichlorophenol	7.97	162	115231	42.53	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	125514	44.41	ng		95
31) Naphthalene	8.12	128	479741	48.73	ng		99
32) Benzoic acid	7.92	122	58026	42.20	ng		95
33) 4-Chloroaniline	8.18	127	22033	5.47	ng		97
34) Hexachlorobutadiene	8.25	225	72168	42.72	ng		98
35) Caprolactam	8.57	113	29409m	36.12	ng		
36) 4-Chloro-3-methylphenol	8.68	107	130589	45.06	ng		91
37) 2-Methylnaphthalene	8.82	142	296976	46.58	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	126749	49.12	ng		99
40) Hexachlorocyclopentadiene	8.98	237	36874	50.04	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	78540	50.54	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	83672	51.74	ng		97
45) 1,1'-Biphenyl	9.29	154	376092	49.56	ng		98
46) 2-Chloronaphthalene	9.31	162	263194	48.18	ng		97
47) 2-Nitroaniline	9.41	65	81012	54.40	ng	#	78
48) Acenaphthylene	9.72	152	400632	46.31	ng		99
49) Dimethylphthalate	9.60	163	353305	52.60	ng	#	91
50) 2,6-Dinitrotoluene	9.65	165	72082	50.85	ng	#	72
51) Acenaphthene	9.89	154	237870	46.25	ng		98
52) 3-Nitroaniline	9.82	138	34160	22.69	ng	#	75
53) 2,4-Dinitrophenol	9.94	184	17034	33.28	ng		88
54) Dibenzofuran	10.06	168	365888	47.52	ng	#	89
55) 4-Nitrophenol	10.01	139	58074	65.64	ng	#	64
56) 2,4-Dinitrotoluene	10.06	165	93998	52.74	ng		90
57) Fluorene	10.41	166	278376	45.64	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	56388	44.22	ng		96
59) Diethylphthalate	10.29	149	353333	53.53	ng		99
60) 4-Chlorophenyl-phenylether	10.41	204	132855	47.53	ng		90
61) 4-Nitroaniline	10.44	138	68977	44.78	ng		97
62) Azobenzene	10.56	77	288705	49.54	ng		87
64) 4,6-Dinitro-2-methylphenol	10.48	198	15428	17.87	ng		87
65) n-Nitrosodiphenylamine	10.52	169	247784	45.42	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	77987	46.04	ng	#	68
67) Hexachlorobenzene	10.97	284	89451	48.38	ng	#	91
68) Atrazine	11.06	200	80820	49.00	ng		97
69) Pentachlorophenol	11.16	266	50666	75.28	ng		97
70) Phenanthrene	11.37	178	372674	44.64	ng		99
71) Anthracene	11.43	178	410017	48.36	ng		99
72) Carbazole	11.59	167	339940	42.88	ng		98
73) Di-n-butylphthalate	11.91	149	480872	48.85	ng	#	97
74) Fluoranthene	12.56	202	330405	39.91	ng		99
76) Benzidine	12.68	184	31530	8.84	ng		98
77) Pyrene	12.79	202	335918	49.53	ng		99
79) Butylbenzylphthalate	13.40	149	175142	56.14	ng		96
80) Benzo(a)anthracene	13.97	228	260786	45.24	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	60870	28.08	ng	#	94
82) Chrysene	14.01	228	230054	42.99	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	226931	52.46	ng		100
84) Di-n-octyl phthalate	14.57	149	366333	55.07	ng		100
85) Indeno(1,2,3-cd)pyrene	16.82	276	222405	50.24	ng		100
87) Benzo(b)fluoranthene	15.00	252	313839m	59.33	ng		
88) Benzo(k)fluoranthene	15.04	252	183242m	36.42	ng		
89) Benzo(a)pyrene	15.36	252	231764	47.30	ng	#	98
90) Dibenzo(a,h)anthracene	16.83	278	186119	45.84	ng	#	95
91) Benzo(g,h,i)perylene	17.24	276	171058	41.65	ng		100

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

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