Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
Data File : BF077264.D
Acq On : 11 Feb 2015 21:01
Operator : TP/IZ
Sample : G1264-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 2

Quant Time: Feb 12 03:11:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 10 13:30:38 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-011MSD

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	70863	40.00	ng		-0.06
21) Naphthalene-d8	10.45	136	291567m	40.00	ng		-0.05
38) Acenaphthene-d10	14.58	164	138771	40.00	ng		-0.05
63) Phenanthrene-d10	17.47	188	247588	40.00	ng		-0.03
75) Chrysene-d12	20.98	240	217231	40.00	ng		-0.03
86) Perylene-d12	22.61	264	208932	40.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.54	112	207999	96.52	ng		-0.05
7) Phenol-d6	6.97	99	254109	93.47	ng		-0.05
23) Nitrobenzene-d5	8.85	82	163051	61.96	ng		-0.05
41) 2,4,6-Tribromophenol	16.34	330	57716	102.47	ng		-0.03
44) 2-Fluorobiphenyl	13.12	172	319667	70.11	ng		-0.05
78) Terphenyl-d14	19.72	244	296913	62.93	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.04	88	19115	20.72	ng	#	91
3) Pyridine	1.47	79	47037	19.70	ng		95
4) n-Nitrosodimethylamine	1.42	42	33069	27.96	ng		100
6) Aniline	6.83	93	48540	12.90	ng		94
8) 2-Chlorophenol	7.07	128	69155	27.84	ng		97
10) Phenol	7.00	94	80628	27.93	ng		92
11) bis(2-Chloroethyl)ether	7.09	93	62118	27.50	ng	#	82
12) 1,3-Dichlorobenzene	7.38	146	75975	26.88	ng		97
13) 1,4-Dichlorobenzene	7.58	146	75193	25.09	ng		99
14) 1,2-Dichlorobenzene	7.89	146	71693	25.96	ng		99
15) Benzyl Alcohol	8.00	79	60645	27.57	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	87488	28.81	ng	#	65
17) 2-Methylphenol	8.36	107	54650m	26.92	ng		
18) Hexachloroethane	8.64	117	29408	28.21	ng		100
19) n-Nitroso-di-n-propylamine	8.64	70	51900	27.27	ng		97
20) 3+4-Methylphenols	8.76	107	70862m	26.36	ng		
22) Acetophenone	8.54	105	105226	29.47	ng		98
24) Nitrobenzene	8.90	77	73468	27.41	ng		99
25) Isophorone	9.50	82	136655	28.52	ng		95
26) 2-Nitrophenol	9.64	139	34974	28.07	ng	#	84
27) 2,4-Dimethylphenol	9.94	122	60404	29.14	ng		96
28) bis(2-Chloroethoxy)methane	10.13	93	86656	31.81	ng		99
29) 2,4-Dichlorophenol	10.26	162	57566m	29.79	ng		
30) 1,2,4-Trichlorobenzene	10.37	180	61637	28.72	ng		98
31) Naphthalene	10.50	128	210386	28.03	ng		99
32) Benzoic acid	10.33	122	14868m	12.95	ng		
33) 4-Chloroaniline	10.77	127	45619m	15.04	ng		
34) Hexachlorobutadiene	10.88	225	36665	28.80	ng		96
35) Caprolactam	11.61	113	15461m	27.18	ng		
36) 4-Chloro-3-methylphenol	12.09	107	57091	25.81	ng		94
37) 2-Methylnaphthalene	12.16	142	147120	28.70	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	57377	33.45	ng		98
40) Hexachlorocyclopentadiene	12.55	237	43586	53.65	ng		93
42) 2,4,6-Trichlorophenol	12.92	196	38674	30.94	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.03	196	39978m	31.36	ng		
45) 1,1'-Biphenyl	13.31	154	169491	32.95	ng		97
46) 2-Chloronaphthalene	13.28	162	133939	31.64	ng		98
47) 2-Nitroaniline	13.64	65	41765	32.53	ng		88
48) Acenaphthylene	14.23	152	215975	30.25	ng		99
49) Dimethylphthalate	14.20	163	186744	37.95	ng	#	98
50) 2,6-Dinitrotoluene	14.29	165	32820	33.38	ng		97
51) Acenaphthene	14.65	154	125854	31.07	ng		98
52) 3-Nitroaniline	14.64	138	27203m	24.02	ng		
53) 2,4-Dinitrophenol	14.93	184	17563	55.98	ng		96
54) Dibenzofuran	15.07	168	188260	31.90	ng		99
55) 4-Nitrophenol	15.28	139	35297	45.76	ng		100
56) 2,4-Dinitrotoluene	15.23	165	43571	32.49	ng	#	93
57) Fluorene	15.85	166	153497	30.70	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.45	232	25417	27.38	ng	#	85
59) Diethylphthalate	15.87	149	169292	34.04	ng		98
60) 4-Chlorophenyl-phenylether	15.95	204	67452	32.98	ng		97
61) 4-Nitroaniline	16.02	138	30535m	26.76	ng		
62) Azobenzene	16.25	77	157244m	30.35	ng		
64) 4,6-Dinitro-2-methylphenol	16.10	198	18025	27.71	ng		79
65) n-Nitrosodiphenylamine	16.21	169	129153	29.26	ng		99
66) 4-Bromophenyl-phenylether	16.83	248	38665	30.83	ng		96
67) Hexachlorobenzene	16.84	284	38706	29.29	ng	#	87
68) Atrazine	17.23	200	42069	31.41	ng		96
69) Pentachlorophenol	17.23	266	24306	50.46	ng		95
70) Phenanthrene	17.51	178	211582	27.41	ng		99
71) Anthracene	17.59	178	212857	28.27	ng		99
72) Carbazole	17.88	167	204439	28.00	ng		99
73) Di-n-butylphthalate	18.49	149	270823	32.04	ng		99
74) Fluoranthene	19.16	202	214906	27.17	ng		98
76) Benzidine	19.41	184	80281	23.10	ng		98
77) Pyrene	19.45	202	220120	29.57	ng		99
79) Butylbenzylphthalate	20.39	149	115467	34.25	ng	#	83
80) Benzo(a)anthracene	20.97	228	194545	28.55	ng		99
81) 3,3'-Dichlorobenzidine	20.99	252	51677	23.86	ng	#	96
82) Chrysene	21.01	228	184249	29.65	ng		97
83) Bis(2-ethylhexyl)phthalate	21.14	149	167340	35.88	ng		99
84) Di-n-octyl phthalate	21.89	149	290380	35.87	ng		97
85) Indeno(1,2,3-cd)pyrene	23.70	276	184597	28.03	ng	#	82
87) Benzo(b)fluoranthene	22.21	252	186303	26.48	ng	#	96
88) Benzo(k)fluoranthene	22.25	252	175886m	28.61	ng		
89) Benzo(a)pyrene	22.56	252	173489	27.95	ng		96
90) Dibenzo(a,h)anthracene	23.72	278	156719	27.52	ng		97
91) Benzo(g,h,i)perylene	23.95	276	156157	27.58	ng	#	92

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

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