Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087332.D
Acq On : 24 May 2016 9:33
Operator : UM/SJ
Sample : H3168-08MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 24 18:58:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 01:40:43 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMSD

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	136458	20.00	ng		0.00
21) Naphthalene-d8	9.64	136	587906	20.00	ng		0.00
38) Acenaphthene-d10	12.48	164	272110	20.00	ng		0.00
63) Phenanthrene-d10	14.88	188	492905	20.00	ng		0.00
75) Chrysene-d12	18.56	240	336672	20.00	ng		0.00
86) Perylene-d12	20.23	264	263289	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1053411	135.65	ng		0.02
7) Phenol-d6	7.16	99	1410287	134.40	ng		0.00
23) Nitrobenzene-d5	8.54	82	971337	83.27	ng		0.00
41) 2,4,6-Tribromophenol	13.78	330	318046	121.63	ng		0.00
44) 2-Fluorobiphenyl	11.43	172	1509990	78.23	ng		0.00
78) Terphenyl-d14	17.21	244	1251919	79.06	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	120914	29.51	ng	#	63
3) Pyridine	2.63	79	309072	34.50	ng	#	62
4) n-Nitrosodimethylamine	2.59	42	263532	38.18	ng	#	46
6) Aniline	7.13	93	195775	14.42	ng		91
8) 2-Chlorophenol	7.30	128	388255	40.09	ng		96
9) Benzaldehyde	6.94	77	93315	16.11	ng		97
10) Phenol	7.19	94	502735	43.87	ng		86
11) bis(2-Chloroethyl)ether	7.26	93	359378	38.75	ng		88
12) 1,3-Dichlorobenzene	7.51	146	384553m	36.40	ng		
13) 1,4-Dichlorobenzene	7.64	146	402788	37.14	ng		97
14) 1,2-Dichlorobenzene	7.87	146	378646	37.75	ng		100
15) Benzyl Alcohol	7.91	79	345174	45.12	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.11	45	781678	37.46	ng		97
17) 2-Methylphenol	8.12	107	316742	40.81	ng	#	88
18) Hexachloroethane	8.39	117	150426	37.18	ng		96
19) n-Nitroso-di-n-propylamine	8.33	70	319338	40.81	ng	#	70
20) 3+4-Methylphenols	8.39	107	409559	43.65	ng	#	60
22) Acetophenone	8.30	105	562798	40.07	ng	#	98
24) Nitrobenzene	8.56	77	456189	37.05	ng		99
25) Isophorone	8.95	82	794404	37.97	ng		97
26) 2-Nitrophenol	9.06	139	197894	39.32	ng	#	75
27) 2,4-Dimethylphenol	9.20	122	325614	37.27	ng	#	86
28) bis(2-Chloroethoxy)methane	9.32	93	483446	41.03	ng		98
29) 2,4-Dichlorophenol	9.48	162	316363	40.18	ng		97
30) 1,2,4-Trichlorobenzene	9.56	180	337743	37.47	ng		96
31) Naphthalene	9.68	128	1109351	37.66	ng		99
32) Benzoic acid	9.47	122	39940	13.62	ng	#	72
33) 4-Chloroaniline	9.86	127	83984	7.74	ng	#	92
34) Hexachlorobutadiene	9.88	225	195056	35.60	ng		96
35) Caprolactam	10.44	113	90937m	39.57	ng		
36) 4-Chloro-3-methylphenol	10.68	107	351631	39.50	ng		87
37) 2-Methylnaphthalene	10.80	142	711554m	38.66	ng		
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	315637	36.24	ng		99
40) Hexachlorocyclopentadiene	11.05	237	228276	65.61	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	193824	38.55	ng		95
43) 2,4,5-Trichlorophenol	11.39	196	197299	38.53	ng	#	92
45) 1,1'-Biphenyl	11.58	154	872124	38.07	ng		98
46) 2-Chloronaphthalene	11.59	162	634724	36.21	ng		92
47) 2-Nitroaniline	11.80	65	246960	39.11	ng	#	77
48) Acenaphthylene	12.25	152	1033156	37.23	ng		99
49) Dimethylphthalate	12.12	163	951211	43.64	ng		100
50) 2,6-Dinitrotoluene	12.22	165	171750	39.10	ng	#	76
51) Acenaphthene	12.54	154	633251	37.13	ng		98
52) 3-Nitroaniline	12.49	138	88754	19.69	ng	#	89
53) 2,4-Dinitrophenol	12.68	184	104540	49.25	ng	#	81
54) Dibenzofuran	12.82	168	928598	40.21	ng		98
55) 4-Nitrophenol	12.87	139	163901	76.22	ng	#	65
56) 2,4-Dinitrotoluene	12.88	165	222536	37.91	ng	#	91
57) Fluorene	13.37	166	725241	36.22	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.05	232	167186	42.45	ng		98
59) Diethylphthalate	13.28	149	781843	36.89	ng		98
60) 4-Chlorophenyl-phenylether	13.39	204	347327	35.57	ng		97
61) 4-Nitroaniline	13.50	138	137463	32.67	ng	#	72
62) Azobenzene	13.66	77	908697	41.33	ng		87
64) 4,6-Dinitro-2-methylphenol	13.54	198	111300	35.51	ng	#	45
65) n-Nitrosodiphenylamine	13.61	169	606872	38.07	ng		99
66) 4-Bromophenyl-phenylether	14.18	248	197352	36.60	ng		99
67) Hexachlorobenzene	14.25	284	202105	35.84	ng	#	63
68) Atrazine	14.53	200	201618	39.68	ng		94
69) Pentachlorophenol	14.62	266	128149	73.64	ng		95
70) Phenanthrene	14.91	178	1026450	37.60	ng		100
71) Anthracene	15.01	178	1047710	37.99	ng		99
72) Carbazole	15.29	167	924401	39.30	ng		100
73) Di-n-butylphthalate	15.85	149	1151571	37.85	ng	#	98
74) Fluoranthene	16.66	202	978978	35.76	ng		97
76) Benzidine	16.90	184	256268	29.58	ng		95
77) Pyrene	16.97	202	1001194	41.31	ng		99
79) Butylbenzylphthalate	17.87	149	440966	41.03	ng	#	74
80) Benzo(a)anthracene	18.55	228	734988	38.38	ng		99
81) 3,3'-Dichlorobenzidine	18.53	252	155516	14.70	ng		99
82) Chrysene	18.59	228	717132	37.73	ng		99
83) Bis(2-ethylhexyl)phthalate	18.62	149	747140	47.64	ng		96
84) Di-n-octyl phthalate	19.38	149	964247	40.32	ng	#	85
85) Indeno(1,2,3-cd)pyrene	21.49	276	603730	39.63	ng		95
87) Benzo(b)fluoranthene	19.82	252	571228m	34.06	ng		
88) Benzo(k)fluoranthene	19.85	252	615222m	42.62	ng		
89) Benzo(a)pyrene	20.17	252	571125	39.37	ng		98
90) Dibenzo(a,h)anthracene	21.50	278	511225	41.32	ng	#	94
91) Benzo(g,h,i)perylene	21.85	276	509161	41.71	ng	#	92

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

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