Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087041.D
Acq On : 15 May 2016 1:31
Operator : UM/SJ
Sample : PB90466BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: May 16 05:56:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 16 05:03:47 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB90466BSD

Manual Integrations APPROVED
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5/16/2016 6:58:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	136280	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	558446	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	266915	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	504558	20.00	ng		0.00
75) Chrysene-d12	13.76	240	334583	20.00	ng		0.00
86) Perylene-d12	15.11	264	298915	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	907110	112.72	ng		0.01
7) Phenol-d6	6.28	99	1243742	115.65	ng		0.00
23) Nitrobenzene-d5	7.19	82	816935	73.45	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	338752	119.88	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1364357	85.91	ng		0.00
78) Terphenyl-d14	12.71	244	1173316	74.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	120209	30.43	ng	#	66
3) Pyridine	2.78	79	332215	34.40	ng	#	64
4) n-Nitrosodimethylamine	2.73	42	250711	35.80	ng	#	48
6) Aniline	6.28	93	172708	13.28	ng	#	2
8) 2-Chlorophenol	6.40	128	363274	37.41	ng		84
9) Benzaldehyde	6.17	77	21382	3.43	ng		98
10) Phenol	6.30	94	498981	39.03	ng		85
11) bis(2-Chloroethyl)ether	6.35	93	339184	34.03	ng	#	80
12) 1,3-Dichlorobenzene	6.55	146	361842	34.43	ng	#	94
13) 1,4-Dichlorobenzene	6.63	146	376159	35.10	ng		94
14) 1,2-Dichlorobenzene	6.78	146	328853	35.21	ng		93
15) Benzyl Alcohol	6.78	79	319696	43.05	ng		89
16) 2,2'-oxybis(1-Chloropropan	6.90	45	720950	33.27	ng		58
17) 2-Methylphenol	6.90	107	297352	38.48	ng	#	79
18) Hexachloroethane	7.12	117	143076	35.49	ng		96
19) n-Nitroso-di-n-propylamine	7.04	70	270524	35.99	ng	#	61
20) 3+4-Methylphenols	7.06	107	395510	39.19	ng	#	61
22) Acetophenone	7.04	105	521816	39.56	ng	#	95
24) Nitrobenzene	7.21	77	406111	35.50	ng		90
25) Isophorone	7.45	82	759073	36.79	ng		97
26) 2-Nitrophenol	7.53	139	181677	36.13	ng		95
27) 2,4-Dimethylphenol	7.59	122	314570	36.72	ng		93
28) bis(2-Chloroethoxy)methane	7.67	93	459734	41.30	ng		98
29) 2,4-Dichlorophenol	7.78	162	291667	38.68	ng		93
30) 1,2,4-Trichlorobenzene	7.84	180	307540	36.48	ng		96
31) Naphthalene	7.92	128	999700	35.74	ng		99
32) Benzoic acid	7.74	122	168011	33.39	ng	#	79
33) 4-Chloroaniline	7.99	127	99871	9.19	ng	#	93
34) Hexachlorobutadiene	8.04	225	179598	36.72	ng		98
35) Caprolactam	8.36	113	98474m	38.39	ng		
36) 4-Chloro-3-methylphenol	8.49	107	337760	36.94	ng		90
37) 2-Methylnaphthalene	8.62	142	704943	43.11	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	269405	34.71	ng	#	98
40) Hexachlorocyclopentadiene	8.76	237	237826	64.56	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	186217	35.88	ng		94
43) 2,4,5-Trichlorophenol	8.96	196	186390	34.73	ng		95
45) 1,1'-Biphenyl	9.07	154	817334	38.50	ng		95
46) 2-Chloronaphthalene	9.10	162	604437	36.34	ng		93
47) 2-Nitroaniline	9.21	65	251006	41.29	ng	#	77
48) Acenaphthylene	9.51	152	931650	38.08	ng		98
49) Dimethylphthalate	9.39	163	791207	38.85	ng		99
50) 2,6-Dinitrotoluene	9.45	165	153695	35.86	ng	#	74
51) Acenaphthene	9.68	154	578255	37.99	ng		98
52) 3-Nitroaniline	9.62	138	68036	15.08	ng		87
53) 2,4-Dinitrophenol	9.74	184	99060	48.57	ng		90
54) Dibenzofuran	9.85	168	829527	42.46	ng		91
55) 4-Nitrophenol	9.82	139	194791m	65.62	ng		
56) 2,4-Dinitrotoluene	9.86	165	213997	40.35	ng	#	77
57) Fluorene	10.19	166	622511	37.36	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	171599	42.47	ng		97
59) Diethylphthalate	10.09	149	777889	39.20	ng		96
60) 4-Chlorophenyl-phenylether	10.19	204	324522	44.70	ng		89
61) 4-Nitroaniline	10.24	138	163768	37.79	ng	#	69
62) Azobenzene	10.35	77	927799	43.34	ng		87
64) 4,6-Dinitro-2-methylphenol	10.26	198	94321	30.09	ng	#	36
65) n-Nitrosodiphenylamine	10.32	169	646336	41.70	ng		99
66) 4-Bromophenyl-phenylether	10.67	248	187254	36.60	ng	#	90
67) Hexachlorobenzene	10.74	284	236629	39.58	ng	#	93
68) Atrazine	10.84	200	193501	37.37	ng		94
69) Pentachlorophenol	10.95	266	191742	69.40	ng		97
70) Phenanthrene	11.15	178	1084251	40.27	ng		100
71) Anthracene	11.20	178	1006797	36.56	ng		100
72) Carbazole	11.37	167	976210	41.24	ng		99
73) Di-n-butylphthalate	11.70	149	1171278	40.52	ng		99
74) Fluoranthene	12.33	202	1051746	37.98	ng		96
76) Benzidine	12.47	184	221691	25.99	ng		96
77) Pyrene	12.56	202	1091706	42.62	ng		100
79) Butylbenzylphthalate	13.19	149	473210	43.68	ng	#	73
80) Benzo(a)anthracene	13.74	228	758600	40.39	ng		100
81) 3,3'-Dichlorobenzidine	13.71	252	140378	11.76	ng	#	97
82) Chrysene	13.78	228	811929	42.50	ng		100
83) Bis(2-ethylhexyl)phthalate	13.75	149	581658	44.63	ng	#	96
84) Di-n-octyl phthalate	14.35	149	961744	44.55	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.35	276	681690	42.88	ng		95
87) Benzo(b)fluoranthene	14.74	252	653676m	33.65	ng		
88) Benzo(k)fluoranthene	14.77	252	638025m	40.11	ng		
89) Benzo(a)pyrene	15.06	252	641402	38.28	ng	#	97
90) Dibenzo(a,h)anthracene	16.37	278	571513	40.47	ng		97
91) Benzo(g,h,i)perylene	16.73	276	578008	40.28	ng	#	92

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

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