Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087314.D
Acq On : 23 May 2016 22:50
Operator : UM/SJ
Sample : PB90662BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90662BS

Manual Integrations APPROVED
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5/24/2016 7:39:25 PM

Quant Time: May 24 02:12:04 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	145772	20.00	ng		0.00
21) Naphthalene-d8	9.64	136	607006	20.00	ng		0.00
38) Acenaphthene-d10	12.48	164	288818	20.00	ng		0.00
63) Phenanthrene-d10	14.88	188	531756	20.00	ng		0.00
75) Chrysene-d12	18.56	240	430670	20.00	ng		0.00
86) Perylene-d12	20.23	264	324520	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	737140	88.86	ng		0.02
7) Phenol-d6	7.15	99	977608	87.21	ng		-0.01
23) Nitrobenzene-d5	8.52	82	973636	80.84	ng		-0.01
41) 2,4,6-Tribromophenol	13.77	330	226925	81.76	ng		-0.01
44) 2-Fluorobiphenyl	11.43	172	1594524	77.83	ng		0.00
78) Terphenyl-d14	17.21	244	1496838	73.89	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	152926	34.94	ng	#	65
3) Pyridine	2.64	79	356680	37.27	ng	#	67
4) n-Nitrosodimethylamine	2.62	42	317679	43.08	ng	#	49
6) Aniline	7.12	93	303007	20.90	ng		91
8) 2-Chlorophenol	7.29	128	455966	44.07	ng		87
9) Benzaldehyde	6.97	77	30292	4.89	ng		99
10) Phenol	7.18	94	607305	49.61	ng		84
11) bis(2-Chloroethyl)ether	7.26	93	424481	42.84	ng		89
12) 1,3-Dichlorobenzene	7.51	146	457041	40.50	ng	#	92
13) 1,4-Dichlorobenzene	7.63	146	473792m	40.90	ng		
14) 1,2-Dichlorobenzene	7.87	146	453755	42.35	ng		99
15) Benzyl Alcohol	7.91	79	403913	49.42	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.10	45	893388	40.08	ng		88
17) 2-Methylphenol	8.12	107	368225	44.41	ng	#	91
18) Hexachloroethane	8.39	117	176732	40.89	ng		95
19) n-Nitroso-di-n-propylamine	8.33	70	367874	44.00	ng	#	71
20) 3+4-Methylphenols	8.38	107	465404	46.43	ng	#	59
22) Acetophenone	8.30	105	646407	44.57	ng	#	98
24) Nitrobenzene	8.56	77	529180	41.62	ng		98
25) Isophorone	8.95	82	927660	42.95	ng		99
26) 2-Nitrophenol	9.06	139	234035	45.03	ng	#	75
27) 2,4-Dimethylphenol	9.20	122	397456	44.06	ng		87
28) bis(2-Chloroethoxy)methane	9.34	93	564661	46.41	ng		98
29) 2,4-Dichlorophenol	9.47	162	373716	45.97	ng		97
30) 1,2,4-Trichlorobenzene	9.56	180	393297	42.26	ng		96
31) Naphthalene	9.68	128	1303036	42.84	ng		100
32) Benzoic acid	9.54	122	203989	44.41	ng	#	80
33) 4-Chloroaniline	9.84	127	142220	12.69	ng	#	94
34) Hexachlorobutadiene	9.88	225	231897	40.99	ng		99
35) Caprolactam	10.46	113	114854m	48.40	ng		
36) 4-Chloro-3-methylphenol	10.69	107	407178	44.30	ng		89
37) 2-Methylnaphthalene	10.80	142	834611	43.92	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	11.09	216	371295	40.16	ng		98
40) Hexachlorocyclopentadiene	11.05	237	308702	81.00	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	226058	42.36	ng		96
43) 2,4,5-Trichlorophenol	11.38	196	235127	43.27	ng	#	84
45) 1,1'-Biphenyl	11.58	154	1026183	42.20	ng		97
46) 2-Chloronaphthalene	11.59	162	753948	40.53	ng		92
47) 2-Nitroaniline	11.81	65	291497	43.49	ng	#	76
48) Acenaphthylene	12.25	152	1228815	41.72	ng		99
49) Dimethylphthalate	12.14	163	965864	41.75	ng		99
50) 2,6-Dinitrotoluene	12.23	165	204492	43.86	ng	#	88
51) Acenaphthene	12.54	154	762515	42.12	ng		98
52) 3-Nitroaniline	12.49	138	93700	19.58	ng	#	93
53) 2,4-Dinitrophenol	12.69	184	190499	79.86	ng	#	84
54) Dibenzofuran	12.82	168	1111333	45.34	ng		97
55) 4-Nitrophenol	12.87	139	213284	93.45	ng	#	70
56) 2,4-Dinitrotoluene	12.88	165	266134	42.71	ng	#	88
57) Fluorene	13.37	166	878018	41.31	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.05	232	203845	48.76	ng		99
59) Diethylphthalate	13.28	149	921307	40.96	ng		99
60) 4-Chlorophenyl-phenylether	13.39	204	430131	41.50	ng		98
61) 4-Nitroaniline	13.50	138	174551	39.09	ng	#	67
62) Azobenzene	13.66	77	1093300	46.85	ng		87
64) 4,6-Dinitro-2-methylphenol	13.55	198	145028	42.89	ng		84
65) n-Nitrosodiphenylamine	13.61	169	736639	42.84	ng		100
66) 4-Bromophenyl-phenylether	14.18	248	243885	41.92	ng		98
67) Hexachlorobenzene	14.25	284	255746	42.03	ng	#	64
68) Atrazine	14.53	200	201912	36.83	ng		95
69) Pentachlorophenol	14.62	266	167041	87.70	ng		98
70) Phenanthrene	14.93	178	1285779	43.65	ng		99
71) Anthracene	15.01	178	1302853	43.79	ng		100
72) Carbazole	15.29	167	1148990	45.27	ng		99
73) Di-n-butylphthalate	15.85	149	1432633	43.65	ng	#	98
74) Fluoranthene	16.66	202	1234430	41.79	ng		98
76) Benzidine	16.89	184	207061	18.69	ng		97
77) Pyrene	16.97	202	1281533	41.34	ng		99
79) Butylbenzylphthalate	17.87	149	570375	41.49	ng	#	70
80) Benzo(a)anthracene	18.55	228	1033435	42.19	ng		99
81) 3,3'-Dichlorobenzidine	18.54	252	169868	12.55	ng	#	97
82) Chrysene	18.59	228	1015365	41.76	ng		99
83) Bis(2-ethylhexyl)phthalate	18.62	149	826876	41.22	ng	#	97
84) Di-n-octyl phthalate	19.38	149	1356222	44.33	ng	#	87
85) Indeno(1,2,3-cd)pyrene	21.49	276	802436	41.17	ng		95
87) Benzo(b)fluoranthene	19.82	252	822142m	39.77	ng		
88) Benzo(k)fluoranthene	19.85	252	919804m	51.70	ng		
89) Benzo(a)pyrene	20.17	252	820322	45.88	ng		97
90) Dibenzo(a,h)anthracene	21.50	278	683293	44.81	ng	#	94
91) Benzo(g,h,i)perylene	21.85	276	666682	44.31	ng	#	92

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

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