Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
Data File : BF080209.D
Acq On : 29 Jun 2015 16:39
Operator : TP/IZ
Sample : PB84267BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 30 10:55:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB84267BS

Manual Integrations APPROVED
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6/30/2015 2:18:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	30991	20.00	ng		-0.03
21) Naphthalene-d8	8.58	136	120577	20.00	ng		-0.03
38) Acenaphthene-d10	10.36	164	59179	20.00	ng		-0.03
63) Phenanthrene-d10	11.86	188	122756	20.00	ng		-0.05
75) Chrysene-d12	14.87	240	129396	20.00	ng		-0.13
86) Perylene-d12	16.77	264	126207	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	229076	130.85	ng		-0.02
7) Phenol-d6	6.90	99	309392	132.80	ng		-0.02
23) Nitrobenzene-d5	7.85	82	188363	90.94	ng		-0.02
41) 2,4,6-Tribromophenol	11.16	330	80138	138.48	ng		-0.02
44) 2-Fluorobiphenyl	9.66	172	352898	85.04	ng		-0.03
78) Terphenyl-d14	13.58	244	451443	81.48	ng		-0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	26561	31.92	ng		86
3) Pyridine	3.98	79	83315	37.65	ng	#	80
4) n-Nitrosodimethylamine	3.89	42	35236	33.50	ng		93
6) Aniline	6.95	93	93779	29.26	ng		95
8) 2-Chlorophenol	7.08	128	85874	42.44	ng		89
9) Benzaldehyde	6.84	77	36632	27.24	ng	#	68
10) Phenol	6.92	94	107389	42.24	ng		85
11) bis(2-Chloroethyl)ether	7.02	93	73710	36.54	ng	#	83
12) 1,3-Dichlorobenzene	7.24	146	93172	38.33	ng	#	92
13) 1,4-Dichlorobenzene	7.32	146	98968	42.81	ng		97
14) 1,2-Dichlorobenzene	7.46	146	85258m	37.90	ng		
15) Benzyl Alcohol	7.42	79	73549	38.61	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.56	45	129091	43.12	ng		89
17) 2-Methylphenol	7.53	107	63370	36.66	ng	#	89
18) Hexachloroethane	7.82	117	31397	40.79	ng	#	79
19) n-Nitroso-di-n-propylamine	7.69	70	57299	35.42	ng	#	76
20) 3+4-Methylphenols	7.68	107	89781	40.25	ng		90
22) Acetophenone	7.69	105	116244	41.37	ng	#	83
24) Nitrobenzene	7.88	77	81835	38.28	ng	#	79
25) Isophorone	8.10	82	153764	36.89	ng	#	84
26) 2-Nitrophenol	8.20	139	41388	46.25	ng	#	80
27) 2,4-Dimethylphenol	8.22	122	78216	41.92	ng	#	84
28) bis(2-Chloroethoxy)methane	8.31	93	97803	39.94	ng	#	91
29) 2,4-Dichlorophenol	8.44	162	72531	45.39	ng		97
30) 1,2,4-Trichlorobenzene	8.53	180	81657	45.00	ng		98
31) Naphthalene	8.61	128	244460m	38.78	ng		
32) Benzoic acid	8.28	122	15874	14.07	ng	#	64
33) 4-Chloroaniline	8.64	127	62032	22.99	ng	#	83
34) Hexachlorobutadiene	8.73	225	41993	37.58	ng		99
35) Caprolactam	8.98	113	20865	40.23	ng		98
36) 4-Chloro-3-methylphenol	9.12	107	65672	36.44	ng		97
37) 2-Methylnaphthalene	9.30	142	180599	44.29	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	79545	46.19	ng		97
40) Hexachlorocyclopentadiene	9.46	237	61125	69.84	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	53010	45.24	ng		99
43) 2,4,5-Trichlorophenol	9.61	196	51690	38.29	ng	#	90
45) 1,1'-Biphenyl	9.76	154	194875	40.47	ng		92
46) 2-Chloronaphthalene	9.80	162	164870	42.20	ng		94
47) 2-Nitroaniline	9.88	65	43033	40.13	ng	#	58
48) Acenaphthylene	10.22	152	271689	41.67	ng		97
49) Dimethylphthalate	10.06	163	176115	39.58	ng	#	97
50) 2,6-Dinitrotoluene	10.12	165	37401	41.93	ng	#	52
51) Acenaphthene	10.39	154	168919	42.35	ng		90
52) 3-Nitroaniline	10.29	138	35560	34.55	ng	#	54
53) 2,4-Dinitrophenol	10.40	184	28176	77.79	ng	#	34
54) Dibenzofuran	10.56	168	239538	42.32	ng	#	90
55) 4-Nitrophenol	10.44	139	63812	77.58	ng	#	45
56) 2,4-Dinitrotoluene	10.53	165	55850	49.34	ng	#	90
57) Fluorene	10.90	166	179710	40.01	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.68	232	45569m	39.98	ng		
59) Diethylphthalate	10.76	149	179693	40.11	ng		97
60) 4-Chlorophenyl-phenylether	10.89	204	90738	42.04	ng		91
61) 4-Nitroaniline	10.90	138	43200	40.65	ng	#	47
62) Azobenzene	11.05	77	187788	41.18	ng		87
64) 4,6-Dinitro-2-methylphenol	10.94	198	21083	37.37	ng		91
65) n-Nitrosodiphenylamine	11.01	169	164762	41.22	ng		92
66) 4-Bromophenyl-phenylether	11.40	248	51464	39.43	ng	#	85
67) Hexachlorobenzene	11.48	284	55066	37.96	ng	#	79
68) Atrazine	11.53	200	49871	39.49	ng		83
69) Pentachlorophenol	11.66	266	55204	67.16	ng		99
70) Phenanthrene	11.89	178	284455	38.27	ng		96
71) Anthracene	11.94	178	301999	42.20	ng		99
72) Carbazole	12.09	167	257502	37.69	ng		96
73) Di-n-butylphthalate	12.43	149	269214	34.11	ng	#	98
74) Fluoranthene	13.17	202	304919	38.52	ng		89
76) Benzidine	13.28	184	154441	42.70	ng		98
77) Pyrene	13.43	202	328814	41.27	ng		97
79) Butylbenzylphthalate	14.14	149	120479	37.66	ng		96
80) Benzo(a)anthracene	14.86	228	310803	39.43	ng		97
81) 3,3'-Dichlorobenzidine	14.81	252	72330	26.60	ng	#	93
82) Chrysene	14.91	228	293074	40.32	ng		96
83) Bis(2-ethylhexyl)phthalate	14.85	149	180345	35.67	ng	#	94
84) Di-n-octyl phthalate	15.67	149	292587	33.77	ng		95
85) Indeno(1,2,3-cd)pyrene	18.62	276	340655	37.16	ng	#	88
87) Benzo(b)fluoranthene	16.24	252	300197	39.29	ng	#	84
88) Benzo(k)fluoranthene	16.28	252	306496	39.39	ng	#	86
89) Benzo(a)pyrene	16.70	252	301194	41.51	ng	#	84
90) Dibenzo(a,h)anthracene	18.64	278	289579	38.99	ng	#	80
91) Benzo(g,h,i)perylene	19.17	276	292588	39.01	ng	#	78

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

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