Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080235.D
Acq On : 30 Jun 2015 14:41
Operator : TP/IZ
Sample : PB84280BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84280BS

Manual Integrations APPROVED
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7/1/2015 4:16:20 PM

Quant Time: Jul 01 11:04:01 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	32484	20.00	ng		-0.05
21) Naphthalene-d8	8.57	136	129080	20.00	ng		-0.05
38) Acenaphthene-d10	10.34	164	66381	20.00	ng		-0.05
63) Phenanthrene-d10	11.86	188	134355	20.00	ng		-0.05
75) Chrysene-d12	14.94	240	141446	20.00	ng		-0.06
86) Perylene-d12	16.88	264	136660	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	263060	143.35	ng		-0.03
7) Phenol-d6	6.89	99	356486	145.98	ng		-0.03
23) Nitrobenzene-d5	7.84	82	207666	93.66	ng		-0.03
41) 2,4,6-Tribromophenol	11.14	330	91222	140.54	ng		-0.03
44) 2-Fluorobiphenyl	9.65	172	389390	83.65	ng		-0.05
78) Terphenyl-d14	13.60	244	496118	81.92	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	28198m	32.33	ng		
3) Pyridine	3.97	79	85120	36.69	ng	#	83
4) n-Nitrosodimethylamine	3.86	42	46859	42.51	ng		88
6) Aniline	6.94	93	104427	31.08	ng		92
8) 2-Chlorophenol	7.06	128	92194	43.47	ng		84
9) Benzaldehyde	6.84	77	41935	29.75	ng		92
10) Phenol	6.90	94	137957	51.77	ng		79
11) bis(2-Chloroethyl)ether	7.01	93	91894	43.46	ng		88
12) 1,3-Dichlorobenzene	7.22	146	103408m	40.59	ng		
13) 1,4-Dichlorobenzene	7.30	146	112100m	46.26	ng		
14) 1,2-Dichlorobenzene	7.46	146	97564	41.38	ng		97
15) Benzyl Alcohol	7.41	79	78641m	39.39	ng		
16) 2,2'-oxybis(1-Chloropropan	7.56	45	153112	48.79	ng		85
17) 2-Methylphenol	7.52	107	77770	42.93	ng	#	89
18) Hexachloroethane	7.81	117	36165	44.82	ng	#	80
19) n-Nitroso-di-n-propylamine	7.68	70	71672	42.27	ng	#	76
20) 3+4-Methylphenols	7.67	107	104396	44.65	ng		90
22) Acetophenone	7.68	105	127756	42.47	ng	#	80
24) Nitrobenzene	7.86	77	99773	43.60	ng	#	76
25) Isophorone	8.09	82	173447	38.87	ng	#	83
26) 2-Nitrophenol	8.18	139	49029	51.18	ng	#	73
27) 2,4-Dimethylphenol	8.21	122	94545	47.33	ng	#	81
28) bis(2-Chloroethoxy)methane	8.30	93	102694	39.17	ng	#	90
29) 2,4-Dichlorophenol	8.42	162	86843	50.77	ng		100
30) 1,2,4-Trichlorobenzene	8.52	180	93603	48.18	ng		99
31) Naphthalene	8.60	128	266936m	39.55	ng		
32) Benzoic acid	8.28	122	36411	30.15	ng	#	67
33) 4-Chloroaniline	8.64	127	58461	20.24	ng		98
34) Hexachlorobutadiene	8.72	225	48842	40.83	ng		99
35) Caprolactam	8.97	113	22705	40.89	ng	#	75
36) 4-Chloro-3-methylphenol	9.11	107	84938	44.02	ng		90
37) 2-Methylnaphthalene	9.29	142	202207	46.32	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.46	216	93256	48.28	ng		97
40) Hexachlorocyclopentadiene	9.45	237	84949	85.03	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.57	196	62303	47.40	ng		99
43) 2,4,5-Trichlorophenol	9.60	196	59040	38.99	ng	#	85
45) 1,1'-Biphenyl	9.76	154	222891	41.27	ng		95
46) 2-Chloronaphthalene	9.78	162	181410	41.40	ng		94
47) 2-Nitroaniline	9.88	65	47857	39.78	ng		93
48) Acenaphthylene	10.21	152	303424	41.48	ng		98
49) Dimethylphthalate	10.05	163	213966	42.87	ng	#	97
50) 2,6-Dinitrotoluene	10.12	165	42635	42.61	ng	#	88
51) Acenaphthene	10.38	154	195342	43.66	ng		90
52) 3-Nitroaniline	10.28	138	34128	29.56	ng	#	45
53) 2,4-Dinitrophenol	10.39	184	44236	106.54	ng	#	14
54) Dibenzofuran	10.55	168	259159	40.82	ng	#	87
55) 4-Nitrophenol	10.44	139	73199	79.33	ng	#	84
56) 2,4-Dinitrotoluene	10.52	165	61049	48.09	ng	#	76
57) Fluorene	10.90	166	214238	42.52	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.68	232	50563	39.55	ng		95
59) Diethylphthalate	10.76	149	205734	40.94	ng		95
60) 4-Chlorophenyl-phenylether	10.88	204	97029	40.08	ng	#	82
61) 4-Nitroaniline	10.89	138	45278	37.98	ng	#	41
62) Azobenzene	11.04	77	200365	39.17	ng		85
64) 4,6-Dinitro-2-methylphenol	10.94	198	26215	41.05	ng	#	57
65) n-Nitrosodiphenylamine	11.00	169	176140	40.26	ng		91
66) 4-Bromophenyl-phenylether	11.38	248	65069	45.55	ng		92
67) Hexachlorobenzene	11.46	284	70509	44.41	ng	#	84
68) Atrazine	11.52	200	57743	41.78	ng		83
69) Pentachlorophenol	11.66	266	68271	75.88	ng		98
70) Phenanthrene	11.89	178	335698	41.27	ng		97
71) Anthracene	11.94	178	336121	42.92	ng		99
72) Carbazole	12.09	167	296921	39.71	ng		96
73) Di-n-butylphthalate	12.44	149	347380	40.21	ng	#	98
74) Fluoranthene	13.18	202	347606	40.13	ng		93
76) Benzidine	13.30	184	201311	50.92	ng		98
77) Pyrene	13.45	202	365904	42.02	ng		96
79) Butylbenzylphthalate	14.19	149	144422	41.30	ng	#	96
80) Benzo(a)anthracene	14.93	228	348309	40.42	ng		97
81) 3,3'-Dichlorobenzidine	14.87	252	64649	21.75	ng	#	95
82) Chrysene	14.97	228	324919	40.89	ng		95
83) Bis(2-ethylhexyl)phthalate	14.92	149	217641	39.38	ng	#	94
84) Di-n-octyl phthalate	15.77	149	377659	39.87	ng		97
85) Indeno(1,2,3-cd)pyrene	18.72	276	380793	38.00	ng	#	89
87) Benzo(b)fluoranthene	16.35	252	330298	39.92	ng	#	86
88) Benzo(k)fluoranthene	16.38	252	344771	40.92	ng	#	88
89) Benzo(a)pyrene	16.80	252	331092	42.14	ng	#	86
90) Dibenzo(a,h)anthracene	18.75	278	319103	39.68	ng	#	82
91) Benzo(g,h,i)perylene	19.27	276	321435	39.58	ng	#	77

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

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