Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077915.D
Acq On : 24 Mar 2015 16:58
Operator : TP/IZ
Sample : PB82241BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82241BS

Manual Integrations APPROVED
mohammad
3/25/2015 5:01:09 PM

Quant Time: Mar 25 01:36:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 00:51:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	39634	20.00	ng		0.00
21) Naphthalene-d8	8.69	136	163969	20.00	ng		0.00
38) Acenaphthene-d10	10.86	164	80973	20.00	ng		0.00
63) Phenanthrene-d10	12.69	188	152973	20.00	ng		0.00
75) Chrysene-d12	16.00	240	163629	20.00	ng		0.02
86) Perylene-d12	17.79	264	153811	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	186362	82.08	ng		0.00
7) Phenol-d6	6.69	99	239496	85.37	ng		0.00
23) Nitrobenzene-d5	7.81	82	182031	72.77	ng		0.00
41) 2,4,6-Tribromophenol	11.84	330	55330	71.42	ng		0.00
44) 2-Fluorobiphenyl	10.04	172	407023	73.87	ng		0.00
78) Terphenyl-d14	14.69	244	477793	71.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	35257	34.20	ng	#	100
3) Pyridine	2.68	79	99613	35.96	ng		99
4) n-Nitrosodimethylamine	2.61	42	43950	36.44	ng		95
6) Aniline	6.70	93	86836	21.64	ng	#	16
8) 2-Chlorophenol	6.85	128	116719	43.19	ng		90
9) Benzaldehyde	6.57	77	4139	3.60	ng		86
10) Phenol	6.70	94	138964	41.90	ng		98
11) bis(2-Chloroethyl)ether	6.81	93	106693	42.95	ng		90
12) 1,3-Dichlorobenzene	7.04	146	122875	40.88	ng		98
13) 1,4-Dichlorobenzene	7.14	146	125479	40.17	ng		97
14) 1,2-Dichlorobenzene	7.32	146	119698	41.80	ng		98
15) Benzyl Alcohol	7.31	79	86740	39.61	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.48	45	143385	42.84	ng		97
17) 2-Methylphenol	7.46	107	92778	42.17	ng		98
18) Hexachloroethane	7.73	117	42938	41.92	ng		92
19) n-Nitroso-di-n-propylamine	7.64	70	76899	39.62	ng	#	94
20) 3+4-Methylphenols	7.65	107	119345	41.34	ng		98
22) Acetophenone	7.63	105	155447	42.82	ng	#	93
24) Nitrobenzene	7.84	77	116820	43.35	ng	#	88
25) Isophorone	8.13	82	204679	40.52	ng		94
26) 2-Nitrophenol	8.22	139	51812	39.27	ng	#	80
27) 2,4-Dimethylphenol	8.30	122	104187	43.35	ng		99
28) bis(2-Chloroethoxy)methane	8.42	93	136585	44.54	ng		100
29) 2,4-Dichlorophenol	8.53	162	94349	41.18	ng		95
30) 1,2,4-Trichlorobenzene	8.62	180	103457	40.36	ng		98
31) Naphthalene	8.72	128	336481	39.96	ng		100
32) Benzoic acid	8.42	122	35910	28.15	ng		96
33) 4-Chloroaniline	8.80	127	72361	21.17	ng	#	93
34) Hexachlorobutadiene	8.88	225	58327	40.15	ng		99
35) Caprolactam	9.23	113	27110	40.49	ng	#	84
36) 4-Chloro-3-methylphenol	9.41	107	98794	42.86	ng		87
37) 2-Methylnaphthalene	9.57	142	231544	40.93	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.78	216	98658	40.85	ng	#	100
40) Hexachlorocyclopentadiene	9.77	237	98898	81.73	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	65753	39.30	ng		99
43) 2,4,5-Trichlorophenol	9.98	196	74298	41.11	ng	#	94
45) 1,1'-Biphenyl	10.16	154	270296	41.76	ng		97
46) 2-Chloronaphthalene	10.18	162	220538	41.92	ng		95
47) 2-Nitroaniline	10.32	65	59305	45.39	ng		98
48) Acenaphthylene	10.68	152	334190	38.20	ng		99
49) Dimethylphthalate	10.56	163	261063	43.47	ng		99
50) 2,6-Dinitrotoluene	10.62	165	56207	45.15	ng		90
51) Acenaphthene	10.90	154	193621	38.60	ng		100
52) 3-Nitroaniline	10.82	138	41588	28.77	ng	#	73
53) 2,4-Dinitrophenol	10.96	184	35191	77.25	ng		92
54) Dibenzofuran	11.12	168	302523	40.67	ng		94
55) 4-Nitrophenol	11.06	139	82072	76.63	ng		97
56) 2,4-Dinitrotoluene	11.12	165	71696	44.17	ng		96
57) Fluorene	11.54	166	247938	40.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.28	232	59191	42.53	ng	#	100
59) Diethylphthalate	11.42	149	246350	42.10	ng		96
60) 4-Chlorophenyl-phenylether	11.55	204	115139	40.85	ng		90
61) 4-Nitroaniline	11.57	138	56375	39.12	ng		73
62) Azobenzene	11.74	77	232685	41.61	ng		94
64) 4,6-Dinitro-2-methylphenol	11.62	198	28295	39.97	ng		80
65) n-Nitrosodiphenylamine	11.70	169	213499	41.91	ng		99
66) 4-Bromophenyl-phenylether	12.16	248	68504	41.96	ng	#	91
67) Hexachlorobenzene	12.21	284	74165	41.35	ng		95
68) Atrazine	12.37	200	63442	44.44	ng		95
69) Pentachlorophenol	12.47	266	71508	76.26	ng		96
70) Phenanthrene	12.73	178	373086	42.48	ng		99
71) Anthracene	12.79	178	370607	42.72	ng		100
72) Carbazole	13.00	167	361913	43.85	ng		99
73) Di-n-butylphthalate	13.46	149	400497	43.28	ng		98
74) Fluoranthene	14.20	202	417138	43.07	ng		99
76) Benzidine	14.39	184	120606	29.67	ng		99
77) Pyrene	14.48	202	428768	41.67	ng		100
79) Butylbenzylphthalate	15.31	149	172469	42.51	ng	#	83
80) Benzo(a)anthracene	15.99	228	418731	43.17	ng		98
81) 3,3'-Dichlorobenzidine	15.96	252	98398	30.75	ng		97
82) Chrysene	16.03	228	389903	44.71	ng		100
83) Bis(2-ethylhexyl)phthalate	16.05	149	263073	42.81	ng	#	97
84) Di-n-octyl phthalate	16.88	149	438647	41.75	ng		99
85) Indeno(1,2,3-cd)pyrene	19.17	276	436711	40.12	ng	#	100
87) Benzo(b)fluoranthene	17.33	252	391642m	39.00	ng		
88) Benzo(k)fluoranthene	17.37	252	393211	50.13	ng	#	98
89) Benzo(a)pyrene	17.72	252	382025	45.60	ng	#	96
90) Dibenzo(a,h)anthracene	19.21	278	370411	44.57	ng		99
91) Benzo(g,h,i)perylene	19.57	276	372063	43.98	ng		98

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

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