Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082475.D
Acq On : 23 Oct 2015 19:55
Operator : UM/IZ
Sample : PB86271BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 24 05:23:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 24 04:47:19 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB86271BS

Manual Integrations APPROVED
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10/26/2015 7:22:13 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	108754	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	429730	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	213800	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	413732	20.00	ng		0.00
75) Chrysene-d12	13.96	240	372232	20.00	ng		0.00
86) Perylene-d12	15.44	264	312793	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	610394	113.28	ng		0.01
7) Phenol-d6	6.41	99	815533	116.30	ng		0.00
23) Nitrobenzene-d5	7.33	82	492614	76.98	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	195412	97.46	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1073283	83.25	ng		-0.01
78) Terphenyl-d14	12.88	244	1040944	74.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	74703	27.59	ng		98
3) Pyridine	3.04	79	197781	31.41	ng		97
4) n-Nitrosodimethylamine	3.02	42	90031	33.71	ng		89
6) Aniline	6.42	93	146101	16.16	ng	#	1
8) 2-Chlorophenol	6.54	128	221830	33.72	ng	#	79
9) Benzaldehyde	6.30	77	86148	24.06	ng		96
10) Phenol	6.42	94	308636	38.17	ng		100
11) bis(2-Chloroethyl)ether	6.49	93	216514	31.67	ng		91
12) 1,3-Dichlorobenzene	6.69	146	250571	32.71	ng		96
13) 1,4-Dichlorobenzene	6.77	146	258272	32.28	ng		97
14) 1,2-Dichlorobenzene	6.93	146	250109m	32.92	ng		
15) Benzyl Alcohol	6.91	79	178322	36.84	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.04	45	311450	32.71	ng		80
17) 2-Methylphenol	7.03	107	190610	36.64	ng		93
18) Hexachloroethane	7.26	117	87923	32.11	ng		97
19) n-Nitroso-di-n-propylamine	7.18	70	164918	33.49	ng	#	90
20) 3+4-Methylphenols	7.19	107	242677	39.15	ng	#	60
22) Acetophenone	7.18	105	317990	37.41	ng	#	87
24) Nitrobenzene	7.35	77	246390	35.57	ng		91
25) Isophorone	7.59	82	450727	34.90	ng		96
26) 2-Nitrophenol	7.67	139	127309	36.81	ng		92
27) 2,4-Dimethylphenol	7.71	122	223330	40.08	ng		96
28) bis(2-Chloroethoxy)methane	7.81	93	271868	36.18	ng		99
29) 2,4-Dichlorophenol	7.91	162	207872	37.32	ng		95
30) 1,2,4-Trichlorobenzene	7.99	180	224331	34.94	ng		98
31) Naphthalene	8.07	128	676367	36.31	ng		99
32) Benzoic acid	7.85	122	111606	29.84	ng		96
33) 4-Chloroaniline	8.13	127	89762	11.60	ng		96
34) Hexachlorobutadiene	8.17	225	129053	32.26	ng		98
35) Caprolactam	8.50	113	59506	36.81	ng	#	78
36) 4-Chloro-3-methylphenol	8.63	107	214098	39.30	ng		85
37) 2-Methylnaphthalene	8.75	142	441026	34.15	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	238567	37.51	ng		99
40) Hexachlorocyclopentadiene	8.90	237	151957	50.63	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	145139	34.36	ng		97
43) 2,4,5-Trichlorophenol	9.10	196	154441	33.75	ng		96
45) 1,1'-Biphenyl	9.22	154	568303	34.86	ng		99
46) 2-Chloronaphthalene	9.25	162	438518	34.17	ng	#	93
47) 2-Nitroaniline	9.36	65	135183	38.37	ng	#	68
48) Acenaphthylene	9.67	152	746162	37.32	ng		99
49) Dimethylphthalate	9.53	163	534055	35.47	ng		100
50) 2,6-Dinitrotoluene	9.60	165	121558	38.27	ng	#	88
51) Acenaphthene	9.84	154	434425	36.19	ng		99
52) 3-Nitroaniline	9.77	138	49113	13.69	ng		99
53) 2,4-Dinitrophenol	9.89	184	113823	65.39	ng		97
54) Dibenzofuran	10.01	168	660162	40.06	ng		99
55) 4-Nitrophenol	9.95	139	125118	57.01	ng		87
56) 2,4-Dinitrotoluene	10.01	165	158488	39.92	ng		90
57) Fluorene	10.35	166	540769	39.96	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	133282	35.65	ng		95
59) Diethylphthalate	10.23	149	532867	37.97	ng		98
60) 4-Chlorophenyl-phenylether	10.34	204	243231	39.23	ng		95
61) 4-Nitroaniline	10.39	138	114638	32.94	ng		96
62) Azobenzene	10.50	77	519659	37.84	ng		98
64) 4,6-Dinitro-2-methylphenol	10.41	198	86305	37.17	ng	#	54
65) n-Nitrosodiphenylamine	10.47	169	449793	36.31	ng		100
66) 4-Bromophenyl-phenylether	10.83	248	153233	37.01	ng		97
67) Hexachlorobenzene	10.89	284	154243	34.44	ng	#	57
68) Atrazine	11.01	200	158808	40.47	ng		93
69) Pentachlorophenol	11.10	266	140962	61.17	ng		98
70) Phenanthrene	11.31	178	802832	39.59	ng		100
71) Anthracene	11.37	178	808968	38.71	ng		98
72) Carbazole	11.53	167	733586	38.48	ng		98
73) Di-n-butylphthalate	11.85	149	834699	35.49	ng		100
74) Fluoranthene	12.50	202	826224	37.93	ng		99
76) Benzidine	12.63	184	250736	23.24	ng		97
77) Pyrene	12.73	202	831748	37.65	ng		99
79) Butylbenzylphthalate	13.36	149	383253	38.02	ng		96
80) Benzo(a)anthracene	13.94	228	678813	35.05	ng		100
81) 3,3'-Dichlorobenzidine	13.91	252	159561	21.70	ng		99
82) Chrysene	13.99	228	661675	32.42	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	515279	35.83	ng	#	98
84) Di-n-octyl phthalate	14.60	149	898390	36.37	ng		100
85) Indeno(1,2,3-cd)pyrene	16.82	276	567692	35.00	ng		99
87) Benzo(b)fluoranthene	15.03	252	604687m	31.78	ng		
88) Benzo(k)fluoranthene	15.06	252	659469m	41.23	ng		
89) Benzo(a)pyrene	15.38	252	608216	37.19	ng	#	96
90) Dibenzo(a,h)anthracene	16.84	278	481595	35.93	ng		99
91) Benzo(g,h,i)perylene	17.24	276	457874	35.17	ng		97

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

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