Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
Data File : BF079631.D
Acq On : 31 May 2015 14:19
Operator : TP/IZ
Sample : PB83653BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB83653BS

Manual Integrations APPROVED
apatel
6/1/2015 8:41:30 PM

Quant Time: Jun 01 04:12:38 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 04:06:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	77372	20.00	ng		0.00
21) Naphthalene-d8	8.48	136	328082	20.00	ng		0.00
38) Acenaphthene-d10	10.65	164	173011	20.00	ng		0.00
63) Phenanthrene-d10	12.48	188	331646	20.00	ng		0.00
75) Chrysene-d12	15.76	240	345632	20.00	ng		0.01
86) Perylene-d12	17.49	264	350487	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	469428	105.23	ng		0.00
7) Phenol-d6	6.50	99	574676	101.07	ng		0.00
23) Nitrobenzene-d5	7.61	82	334345	58.91	ng		0.00
41) 2,4,6-Tribromophenol	11.63	330	195922	103.10	ng		0.00
44) 2-Fluorobiphenyl	9.83	172	701903	57.88	ng		0.00
78) Terphenyl-d14	14.48	244	919102	62.41	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.71	88	61653	29.05	ng	#	100
3) Pyridine	2.33	79	146422	31.34	ng		97
4) n-Nitrosodimethylamine	2.26	42	73915	32.13	ng		80
6) Aniline	6.49	93	156867	19.44	ng		98
8) 2-Chlorophenol	6.64	128	166481	32.06	ng		99
9) Benzaldehyde	6.35	77	47277	12.44	ng		94
10) Phenol	6.51	94	204096	30.49	ng		89
11) bis(2-Chloroethyl)ether	6.60	93	159337	32.90	ng		90
12) 1,3-Dichlorobenzene	6.82	146	172791	30.03	ng		98
13) 1,4-Dichlorobenzene	6.92	146	181129	30.86	ng		98
14) 1,2-Dichlorobenzene	7.11	146	173400	31.81	ng		99
15) Benzyl Alcohol	7.11	79	136300	32.62	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	219278	30.94	ng		92
17) 2-Methylphenol	7.27	107	132319	32.43	ng		98
18) Hexachloroethane	7.52	117	59453	29.43	ng		97
19) n-Nitroso-di-n-propylamine	7.44	70	117796	29.44	ng	#	96
20) 3+4-Methylphenols	7.46	107	175883	31.37	ng		93
22) Acetophenone	7.43	105	230502	31.36	ng	#	94
24) Nitrobenzene	7.63	77	168888	30.19	ng	#	87
25) Isophorone	7.93	82	304491	29.43	ng	#	92
26) 2-Nitrophenol	8.02	139	78629	29.69	ng	#	80
27) 2,4-Dimethylphenol	8.11	122	148582	31.21	ng		98
28) bis(2-Chloroethoxy)methane	8.23	93	192882	30.08	ng		99
29) 2,4-Dichlorophenol	8.33	162	145551	33.38	ng		96
30) 1,2,4-Trichlorobenzene	8.42	180	142495	31.50	ng		94
31) Naphthalene	8.51	128	468475	29.75	ng		99
32) Benzoic acid	8.26	122	103346	34.98	ng		94
33) 4-Chloroaniline	8.60	127	120427	18.31	ng	#	94
34) Hexachlorobutadiene	8.67	225	76020	29.54	ng		97
35) Caprolactam	9.03	113	43961	31.97	ng	#	80
36) 4-Chloro-3-methylphenol	9.22	107	147670	32.65	ng		90
37) 2-Methylnaphthalene	9.37	142	341120	31.21	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.58	216	139067	28.74	ng	#	100
40) Hexachlorocyclopentadiene	9.55	237	69079	55.97	ng		97

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 04:06:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.74	196	91846	27.18	ng		96
43) 2,4,5-Trichlorophenol	9.78	196	103305	30.71	ng	#	91
45) 1,1'-Biphenyl	9.95	154	408017	30.19	ng		98
46) 2-Chloronaphthalene	9.96	162	304626	28.54	ng		98
47) 2-Nitroaniline	10.11	65	90926	28.65	ng	#	59
48) Acenaphthylene	10.47	152	506230	28.58	ng		100
49) Dimethylphthalate	10.35	163	390598	30.64	ng		99
50) 2,6-Dinitrotoluene	10.42	165	78068	30.65	ng	#	60
51) Acenaphthene	10.68	154	288770	28.51	ng		98
52) 3-Nitroaniline	10.63	138	67076	20.25	ng	#	77
53) 2,4-Dinitrophenol	10.78	184	51441	57.30	ng	#	86
54) Dibenzofuran	10.90	168	453744	30.37	ng		99
55) 4-Nitrophenol	10.87	139	104073m	56.65	ng		
56) 2,4-Dinitrotoluene	10.92	165	112340	32.89	ng	#	83
57) Fluorene	11.32	166	375932	30.53	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.07	232	72393	29.57	ng	#	100
59) Diethylphthalate	11.22	149	388791	31.16	ng		94
60) 4-Chlorophenyl-phenylether	11.34	204	166775	31.34	ng		95
61) 4-Nitroaniline	11.38	138	91961	29.80	ng		84
62) Azobenzene	11.54	77	406143	33.46	ng		87
64) 4,6-Dinitro-2-methylphenol	11.43	198	47573	31.24	ng		85
65) n-Nitrosodiphenylamine	11.50	169	335439	30.45	ng		99
66) 4-Bromophenyl-phenylether	11.94	248	108991	31.91	ng		96
67) Hexachlorobenzene	12.00	284	120992	31.07	ng		99
68) Atrazine	12.17	200	102144	34.33	ng		97
69) Pentachlorophenol	12.26	266	68866	46.17	ng		98
70) Phenanthrene	12.51	178	550703	30.27	ng		99
71) Anthracene	12.57	178	571052	30.91	ng		99
72) Carbazole	12.79	167	531727	29.90	ng		99
73) Di-n-butylphthalate	13.25	149	660224	32.65	ng		99
74) Fluoranthene	13.98	202	599807	30.74	ng		95
76) Benzidine	14.17	184	271374	36.66	ng		99
77) Pyrene	14.25	202	641186	29.94	ng		99
79) Butylbenzylphthalate	15.10	149	300268	31.18	ng		99
80) Benzo(a)anthracene	15.75	228	598315	30.09	ng		100
81) 3,3'-Dichlorobenzidine	15.73	252	161676	22.21	ng	#	94
82) Chrysene	15.79	228	560658	29.67	ng		99
83) Bis(2-ethylhexyl)phthalate	15.83	149	459223	33.29	ng	#	96
84) Di-n-octyl phthalate	16.62	149	770790	32.10	ng		99
85) Indeno(1,2,3-cd)pyrene	18.77	276	725607	29.85	ng		99
87) Benzo(b)fluoranthene	17.04	252	660499	33.04	ng	#	98
88) Benzo(k)fluoranthene	17.07	252	518147m	28.99	ng		
89) Benzo(a)pyrene	17.43	252	586752	32.96	ng		98
90) Dibenzo(a,h)anthracene	18.79	278	603121	32.46	ng		99
91) Benzo(g,h,i)perylene	19.13	276	603788	32.99	ng		99

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

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