Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
Data File : BF079632.D
Acq On : 31 May 2015 14:48
Operator : TP/IZ
Sample : PB83635BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83635BS

Manual Integrations APPROVED
apatel
6/1/2015 8:41:36 PM

Quant Time: Jun 01 04:14:02 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	67998	20.00	ng		0.00
21) Naphthalene-d8	8.48	136	279809	20.00	ng		0.00
38) Acenaphthene-d10	10.65	164	143997	20.00	ng		0.00
63) Phenanthrene-d10	12.48	188	274411	20.00	ng		0.00
75) Chrysene-d12	15.75	240	275396	20.00	ng		0.00
86) Perylene-d12	17.44	264	285795	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	450330	114.87	ng		0.00
7) Phenol-d6	6.50	99	555696	111.21	ng		0.00
23) Nitrobenzene-d5	7.61	82	327126	67.58	ng		0.00
41) 2,4,6-Tribromophenol	11.63	330	181025	114.46	ng		0.00
44) 2-Fluorobiphenyl	9.83	172	672332	66.61	ng		0.00
78) Terphenyl-d14	14.47	244	814972	69.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.71	88	60895	32.65	ng	#	100
3) Pyridine	2.33	79	137968	33.60	ng		97
4) n-Nitrosodimethylamine	2.27	42	69111	34.18	ng		98
6) Aniline	6.49	93	173706	24.49	ng		98
8) 2-Chlorophenol	6.64	128	166009	36.38	ng		100
9) Benzaldehyde	6.35	77	192864	87.20	ng		93
10) Phenol	6.51	94	208256	35.39	ng		90
11) bis(2-Chloroethyl)ether	6.60	93	157157	36.93	ng		92
12) 1,3-Dichlorobenzene	6.82	146	175328	34.68	ng		100
13) 1,4-Dichlorobenzene	6.92	146	176853	34.29	ng		99
14) 1,2-Dichlorobenzene	7.11	146	169897	35.47	ng		100
15) Benzyl Alcohol	7.11	79	132615	36.11	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	217760	34.96	ng		95
17) 2-Methylphenol	7.27	107	130651	36.44	ng		99
18) Hexachloroethane	7.52	117	60685	34.18	ng		95
19) n-Nitroso-di-n-propylamine	7.44	70	118443	33.69	ng	#	93
20) 3+4-Methylphenols	7.46	107	173387	35.19	ng		93
22) Acetophenone	7.43	105	234300	37.38	ng	#	93
24) Nitrobenzene	7.63	77	165797	34.75	ng	#	85
25) Isophorone	7.93	82	305470	34.62	ng	#	93
26) 2-Nitrophenol	8.02	139	78362	34.69	ng	#	79
27) 2,4-Dimethylphenol	8.11	122	146423	36.06	ng		95
28) bis(2-Chloroethoxy)methane	8.22	93	188373	34.45	ng		97
29) 2,4-Dichlorophenol	8.33	162	147070	39.54	ng		96
30) 1,2,4-Trichlorobenzene	8.42	180	139478	36.15	ng		93
31) Naphthalene	8.51	128	465487	34.67	ng		99
32) Benzoic acid	8.25	122	97355	38.64	ng		95
33) 4-Chloroaniline	8.60	127	131218	23.39	ng		95
34) Hexachlorobutadiene	8.66	225	77052	35.11	ng		99
35) Caprolactam	9.03	113	42415	36.16	ng	#	82
36) 4-Chloro-3-methylphenol	9.22	107	150898	39.12	ng		87
37) 2-Methylnaphthalene	9.37	142	339915	36.46	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.58	216	138499	34.39	ng	#	100
40) Hexachlorocyclopentadiene	9.55	237	66318	61.35	ng		99

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Quant Time: Jun 01 04:14:02 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)
42) 2,4,6-Trichlorophenol	9.74	196	88749	31.56	ng		97
43) 2,4,5-Trichlorophenol	9.78	196	101565	36.28	ng	#	89
45) 1,1'-Biphenyl	9.95	154	402319	35.77	ng		98
46) 2-Chloronaphthalene	9.96	162	307161	34.58	ng		99
47) 2-Nitroaniline	10.11	65	91631	34.69	ng	#	63
48) Acenaphthylene	10.47	152	502369	34.07	ng		100
49) Dimethylphthalate	10.35	163	378876	35.71	ng		99
50) 2,6-Dinitrotoluene	10.42	165	76904	36.28	ng	#	68
51) Acenaphthene	10.68	154	282591	33.52	ng		99
52) 3-Nitroaniline	10.63	138	70067	25.41	ng	#	73
53) 2,4-Dinitrophenol	10.78	184	46194	60.18	ng	#	86
54) Dibenzofuran	10.90	168	447669	36.00	ng		100
55) 4-Nitrophenol	10.87	139	101971m	66.69	ng		
56) 2,4-Dinitrotoluene	10.92	165	108849	38.29	ng	#	80
57) Fluorene	11.32	166	361300	35.25	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.07	232	71774	35.23	ng	#	100
59) Diethylphthalate	11.22	149	373081	35.92	ng		96
60) 4-Chlorophenyl-phenylether	11.34	204	160808	36.31	ng		98
61) 4-Nitroaniline	11.38	138	87680	34.14	ng		81
62) Azobenzene	11.53	77	348181	34.47	ng		99
64) 4,6-Dinitro-2-methylphenol	11.43	198	44535	34.42	ng		78
65) n-Nitrosodiphenylamine	11.50	169	316958	34.78	ng		99
66) 4-Bromophenyl-phenylether	11.94	248	103950	36.79	ng		99
67) Hexachlorobenzene	12.00	284	119032	36.95	ng		95
68) Atrazine	12.17	200	97939	39.78	ng		97
69) Pentachlorophenol	12.26	266	63020	51.06	ng		98
70) Phenanthrene	12.51	178	529205	35.15	ng		99
71) Anthracene	12.57	178	543652	35.57	ng		99
72) Carbazole	12.79	167	545902	37.10	ng		99
73) Di-n-butylphthalate	13.25	149	636938	38.42	ng		99
74) Fluoranthene	13.98	202	584455	36.20	ng		96
76) Benzidine	14.17	184	248864	42.19	ng		98
77) Pyrene	14.25	202	604750	35.44	ng		99
79) Butylbenzylphthalate	15.10	149	285815	37.25	ng		93
80) Benzo(a)anthracene	15.74	228	543295	34.29	ng		100
81) 3,3'-Dichlorobenzidine	15.73	252	169185	29.16	ng		98
82) Chrysene	15.78	228	534034	35.46	ng		99
83) Bis(2-ethylhexyl)phthalate	15.82	149	425098	38.67	ng	#	98
84) Di-n-octyl phthalate	16.59	149	727280	38.01	ng		99
85) Indeno(1,2,3-cd)pyrene	18.71	276	687119	35.47	ng		98
87) Benzo(b)fluoranthene	17.02	252	593239	36.40	ng	#	98
88) Benzo(k)fluoranthene	17.04	252	553547m	37.98	ng		
89) Benzo(a)pyrene	17.38	252	554561	38.52	ng		99
90) Dibenzo(a,h)anthracene	18.73	278	564895	37.52	ng		99
91) Benzo(g,h,i)perylene	19.07	276	565706	37.96	ng		98

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

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