Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079939.D
Acq On : 12 Jun 2015 17:08
Operator : TP/IZ
Sample : PB83955BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83955BS

Manual Integrations APPROVED
apatel
6/15/2015 12:43:30 PM

Quant Time: Jun 12 23:25:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	46180	20.00	ng		0.00
21) Naphthalene-d8	8.67	136	182058	20.00	ng		0.00
38) Acenaphthene-d10	10.44	164	103403	20.00	ng		0.00
63) Phenanthrene-d10	11.98	188	208726	20.00	ng		0.00
75) Chrysene-d12	15.13	240	230092	20.00	ng		-0.01
86) Perylene-d12	17.13	264	220021	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.99	112	327272	129.95	ng		0.00
7) Phenol-d6	6.98	99	426928	124.43	ng		0.01
23) Nitrobenzene-d5	7.93	82	229522	83.18	ng		0.00
41) 2,4,6-Tribromophenol	11.25	330	117399	113.12	ng		0.00
44) 2-Fluorobiphenyl	9.75	172	560272	75.87	ng		0.00
78) Terphenyl-d14	13.76	244	707892	70.93	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	35956	31.38	ng		93
3) Pyridine	4.10	79	130065	44.30	ng		96
4) n-Nitrosodimethylamine	4.01	42	59538	41.15	ng		90
6) Aniline	7.03	93	119775	24.12	ng		92
8) 2-Chlorophenol	7.16	128	113811	37.18	ng		92
9) Benzaldehyde	6.92	77	79954	40.54	ng		86
10) Phenol	6.99	94	149805	39.70	ng		95
11) bis(2-Chloroethyl)ether	7.10	93	113176	37.27	ng		94
12) 1,3-Dichlorobenzene	7.32	146	135517m	37.95	ng		
13) 1,4-Dichlorobenzene	7.39	146	133081m	35.88	ng		
14) 1,2-Dichlorobenzene	7.55	146	137887	41.86	ng		96
15) Benzyl Alcohol	7.50	79	100505	36.53	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.64	45	184959	41.12	ng		96
17) 2-Methylphenol	7.61	107	93438	34.94	ng		95
18) Hexachloroethane	7.91	117	40418	35.19	ng	#	80
19) n-Nitroso-di-n-propylamine	7.77	70	93988	38.34	ng	#	92
20) 3+4-Methylphenols	7.76	107	132564	38.79	ng		98
22) Acetophenone	7.77	105	161916	37.66	ng	#	87
24) Nitrobenzene	7.95	77	129030	43.96	ng	#	89
25) Isophorone	8.19	82	232814	36.26	ng	#	93
26) 2-Nitrophenol	8.27	139	41479	40.66	ng	#	73
27) 2,4-Dimethylphenol	8.30	122	118889	41.31	ng		96
28) bis(2-Chloroethoxy)methane	8.39	93	133270	34.95	ng		96
29) 2,4-Dichlorophenol	8.51	162	111300	46.18	ng		91
30) 1,2,4-Trichlorobenzene	8.60	180	106311	34.70	ng	#	97
31) Naphthalene	8.70	128	359755	36.15	ng		99
32) Benzoic acid	8.35	122	41427m	38.84	ng		
33) 4-Chloroaniline	8.73	127	138035	35.73	ng	#	93
34) Hexachlorobutadiene	8.81	225	70115	41.23	ng		97
35) Caprolactam	9.06	113	31629	41.49	ng	#	78
36) 4-Chloro-3-methylphenol	9.20	107	105023	38.14	ng		89
37) 2-Methylnaphthalene	9.39	142	237682	35.35	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	113380	32.74	ng		98
40) Hexachlorocyclopentadiene	9.54	237	93313	66.01	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	73853	34.61	ng		99
43) 2,4,5-Trichlorophenol	9.70	196	78579	33.36	ng	#	87
45) 1,1'-Biphenyl	9.85	154	321991	38.48	ng		95
46) 2-Chloronaphthalene	9.88	162	241992	33.97	ng		94
47) 2-Nitroaniline	9.96	65	57590	38.56	ng	#	72
48) Acenaphthylene	10.31	152	396590	32.98	ng		97
49) Dimethylphthalate	10.14	163	304461	36.75	ng		98
50) 2,6-Dinitrotoluene	10.20	165	52303	35.40	ng	#	72
51) Acenaphthene	10.48	154	247637	36.23	ng		94
52) 3-Nitroaniline	10.38	138	47542	27.16	ng	#	75
53) 2,4-Dinitrophenol	10.48	184	24242	78.36	ng	#	1
54) Dibenzofuran	10.65	168	368024	36.85	ng		94
55) 4-Nitrophenol	10.51	139	96904	73.50	ng		89
56) 2,4-Dinitrotoluene	10.60	165	63430	33.26	ng	#	48
57) Fluorene	10.99	166	275729	31.67	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.77	232	72171	40.43	ng		95
59) Diethylphthalate	10.85	149	296445	35.79	ng		96
60) 4-Chlorophenyl-phenylether	10.98	204	137795	35.44	ng		90
61) 4-Nitroaniline	10.99	138	61580	32.95	ng		89
62) Azobenzene	11.14	77	278961	35.00	ng		95
64) 4,6-Dinitro-2-methylphenol	11.03	198	19288	42.47	ng		90
65) n-Nitrosodiphenylamine	11.10	169	261597	38.83	ng		99
66) 4-Bromophenyl-phenylether	11.49	248	86220	36.86	ng	#	88
67) Hexachlorobenzene	11.57	284	88786	34.80	ng	#	79
68) Atrazine	11.62	200	78420	37.81	ng		91
69) Pentachlorophenol	11.76	266	85276	72.13	ng		97
70) Phenanthrene	12.00	178	443015	35.61	ng		98
71) Anthracene	12.06	178	466424	38.75	ng		100
72) Carbazole	12.22	167	412772	35.36	ng		99
73) Di-n-butylphthalate	12.56	149	495786	38.98	ng		99
74) Fluoranthene	13.33	202	488393	35.51	ng		95
76) Benzidine	13.45	184	292010	45.83	ng		100
77) Pyrene	13.60	202	518836	35.90	ng		100
79) Butylbenzylphthalate	14.35	149	211451	43.33	ng		95
80) Benzo(a)anthracene	15.12	228	505020	34.56	ng		100
81) 3,3'-Dichlorobenzidine	15.06	252	85609	18.33	ng		98
82) Chrysene	15.17	228	473637	36.43	ng		99
83) Bis(2-ethylhexyl)phthalate	15.10	149	314764	40.30	ng	#	94
84) Di-n-octyl phthalate	15.98	149	538809	42.30	ng		98
85) Indeno(1,2,3-cd)pyrene	19.05	276	536395	35.06	ng		99
87) Benzo(b)fluoranthene	16.57	252	483208	35.84	ng		98
88) Benzo(k)fluoranthene	16.61	252	501380	36.47	ng		100
89) Benzo(a)pyrene	17.05	252	480088	37.45	ng	#	97
90) Dibenzo(a,h)anthracene	19.07	278	451401	35.82	ng		97
91) Benzo(g,h,i)perylene	19.62	276	461846	35.42	ng		99

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

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