Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
Data File : BF081884.D
Acq On : 29 Sep 2015 17:28
Operator : UM/IZ
Sample : PB85818BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85818BSD

Manual Integrations APPROVED
apatel
9/30/2015 9:09:27 AM

Quant Time: Sep 30 02:02:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	82509	20.00	ng		-0.01
21) Naphthalene-d8	8.21	136	358634	20.00	ng		-0.01
38) Acenaphthene-d10	9.97	164	196249	20.00	ng		-0.01
63) Phenanthrene-d10	11.45	188	406196	20.00	ng		-0.01
75) Chrysene-d12	14.10	240	387642	20.00	ng		-0.01
86) Perylene-d12	15.57	264	334137	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	454364	99.97	ng		0.00
7) Phenol-d6	6.55	99	594675	103.98	ng		-0.01
23) Nitrobenzene-d5	7.49	82	438766	81.55	ng		-0.01
41) 2,4,6-Tribromophenol	10.77	330	259969	130.80	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	980863	83.31	ng		-0.01
78) Terphenyl-d14	13.04	244	1099909	94.55	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	53283	26.96	ng		92
3) Pyridine	3.37	79	148702	28.90	ng		88
4) n-Nitrosodimethylamine	3.33	42	66947	28.64	ng		98
6) Aniline	6.59	93	134271	17.47	ng	#	87
8) 2-Chlorophenol	6.71	128	195390	38.93	ng		98
9) Benzaldehyde	6.47	77	46675	12.46	ng	#	78
10) Phenol	6.56	94	206456	32.18	ng	#	50
11) bis(2-Chloroethyl)ether	6.66	93	196514	39.50	ng		93
12) 1,3-Dichlorobenzene	6.86	146	216379m	36.50	ng		
13) 1,4-Dichlorobenzene	6.94	146	239637m	38.71	ng		
14) 1,2-Dichlorobenzene	7.10	146	227444	41.23	ng		98
15) Benzyl Alcohol	7.07	79	166760	40.39	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	7.20	45	298064	42.38	ng		78
17) 2-Methylphenol	7.18	107	171611	42.17	ng	#	83
18) Hexachloroethane	7.43	117	81119	41.86	ng		90
19) n-Nitroso-di-n-propylamine	7.34	70	148444	42.70	ng	#	78
20) 3+4-Methylphenols	7.33	107	207528	40.38	ng	#	63
22) Acetophenone	7.34	105	294726	40.19	ng	#	80
24) Nitrobenzene	7.51	77	226780	38.82	ng	#	69
25) Isophorone	7.75	82	393361	36.89	ng	#	92
26) 2-Nitrophenol	7.83	139	114940	40.99	ng	#	77
27) 2,4-Dimethylphenol	7.86	122	197999	40.14	ng	#	82
28) bis(2-Chloroethoxy)methane	7.95	93	244844	38.67	ng	#	92
29) 2,4-Dichlorophenol	8.07	162	207003	43.27	ng		97
30) 1,2,4-Trichlorobenzene	8.15	180	210777	39.47	ng		100
31) Naphthalene	8.23	128	616297	38.78	ng		98
32) Benzoic acid	7.99	122	99609	35.93	ng	#	75
33) 4-Chloroaniline	8.29	127	80481	11.71	ng	#	88
34) Hexachlorobutadiene	8.34	225	129927	41.14	ng		98
35) Caprolactam	8.65	113	56184m	42.43	ng		
36) 4-Chloro-3-methylphenol	8.77	107	208095	44.49	ng		85
37) 2-Methylnaphthalene	8.93	142	460423	42.45	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	212619	35.29	ng		99
40) Hexachlorocyclopentadiene	9.07	237	284765	91.78	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	145368	35.19	ng		99
43) 2,4,5-Trichlorophenol	9.25	196	180923	42.59	ng		98
45) 1,1'-Biphenyl	9.39	154	573559	37.88	ng		94
46) 2-Chloronaphthalene	9.42	162	464506	39.07	ng		97
47) 2-Nitroaniline	9.52	65	139099	39.86	ng		94
48) Acenaphthylene	9.83	152	720740	37.88	ng		96
49) Dimethylphthalate	9.69	163	562441	41.52	ng	#	98
50) 2,6-Dinitrotoluene	9.76	165	126370	42.97	ng		94
51) Acenaphthene	10.00	154	497707	44.05	ng		89
52) 3-Nitroaniline	9.93	138	63330	18.61	ng	#	79
53) 2,4-Dinitrophenol	10.03	184	123921	83.74	ng	#	72
54) Dibenzofuran	10.17	168	636450	39.86	ng	#	84
55) 4-Nitrophenol	10.09	139	209726	85.31	ng	#	52
56) 2,4-Dinitrotoluene	10.16	165	177057	47.23	ng	#	87
57) Fluorene	10.51	166	497269	43.47	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.29	232	154824	45.95	ng		93
59) Diethylphthalate	10.39	149	558851	44.17	ng		97
60) 4-Chlorophenyl-phenylether	10.51	204	246518	42.17	ng		97
61) 4-Nitroaniline	10.55	138	130636	38.29	ng	#	48
62) Azobenzene	10.67	77	551725	44.68	ng		97
64) 4,6-Dinitro-2-methylphenol	10.56	198	78393	43.51	ng		78
65) n-Nitrosodiphenylamine	10.63	169	450601	36.66	ng		92
66) 4-Bromophenyl-phenylether	11.01	248	164093	40.07	ng	#	87
67) Hexachlorobenzene	11.06	284	186363	40.32	ng	#	82
68) Atrazine	11.15	200	151074	39.62	ng		83
69) Pentachlorophenol	11.26	266	211881	80.45	ng		99
70) Phenanthrene	11.49	178	804698	41.02	ng		97
71) Anthracene	11.53	178	835852	40.49	ng		96
72) Carbazole	11.69	167	773538	41.40	ng		95
73) Di-n-butylphthalate	12.01	149	894110	47.04	ng	#	98
74) Fluoranthene	12.67	202	907196	41.69	ng		86
76) Benzidine	12.80	184	255362	21.86	ng		98
77) Pyrene	12.90	202	931440	40.22	ng		96
79) Butylbenzylphthalate	13.52	149	424203	48.68	ng		98
80) Benzo(a)anthracene	14.09	228	859255	41.16	ng		94
81) 3,3'-Dichlorobenzidine	14.06	252	157276	22.31	ng	#	93
82) Chrysene	14.13	228	675120	32.56	ng		93
83) Bis(2-ethylhexyl)phthalate	14.07	149	553719	50.66	ng	#	89
84) Di-n-octyl phthalate	14.69	149	918122	51.61	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.03	276	656889	40.23	ng	#	85
87) Benzo(b)fluoranthene	15.14	252	780871	40.93	ng	#	85
88) Benzo(k)fluoranthene	15.17	252	669696m	38.30	ng		
89) Benzo(a)pyrene	15.51	252	693439	41.90	ng	#	84
90) Dibenzo(a,h)anthracene	17.05	278	556587	40.09	ng	#	78
91) Benzo(g,h,i)perylene	17.48	276	536655	37.72	ng	#	73

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

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