Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082615\
Data File : BF081224.D
Acq On : 26 Aug 2015 21:18
Operator : UM/IZ
Sample : PB85099BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Manual Integrations APPROVED
MMDadoda
8/27/2015 2:32:31 PM

Quant Time: Aug 27 01:19:04 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 00:52:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	49638	20.00	ng		0.00
21) Naphthalene-d8	7.81	136	200560	20.00	ng		0.00
38) Acenaphthene-d10	9.54	164	87590	20.00	ng		-0.01
63) Phenanthrene-d10	11.02	188	173543	20.00	ng		0.00
75) Chrysene-d12	13.64	240	130604	20.00	ng		0.00
86) Perylene-d12	14.95	264	112813	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	372586	112.90	ng		0.01
7) Phenol-d6	6.17	99	484227	112.46	ng		0.00
23) Nitrobenzene-d5	7.09	82	320917	73.10	ng		-0.01
41) 2,4,6-Tribromophenol	10.33	330	79997	105.36	ng		0.00
44) 2-Fluorobiphenyl	8.88	172	490123	73.32	ng		-0.01
78) Terphenyl-d14	12.60	244	421006	69.11	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	51357	33.02	ng		95
3) Pyridine	2.57	79	163090	37.16	ng	#	82
4) n-Nitrosodimethylamine	2.54	42	84408	34.54	ng	#	70
6) Aniline	6.17	93	152666	24.38	ng	#	61
8) 2-Chlorophenol	6.30	128	133791	37.04	ng		98
9) Benzaldehyde	6.06	77	28270	10.18	ng		87
10) Phenol	6.18	94	161963	31.85	ng		100
11) bis(2-Chloroethyl)ether	6.26	93	138221	35.42	ng		92
12) 1,3-Dichlorobenzene	6.46	146	141260	36.39	ng		95
13) 1,4-Dichlorobenzene	6.54	146	145495	37.86	ng		97
14) 1,2-Dichlorobenzene	6.69	146	132448	36.82	ng		96
15) Benzyl Alcohol	6.67	79	125473	36.02	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.81	45	269980	35.21	ng		96
17) 2-Methylphenol	6.80	107	123395	39.81	ng		96
18) Hexachloroethane	7.03	117	59265	38.16	ng		96
19) n-Nitroso-di-n-propylamine	6.95	70	105838	35.48	ng		91
20) 3+4-Methylphenols	6.96	107	152565	38.78	ng	#	42
22) Acetophenone	6.94	105	200430	38.07	ng	#	86
24) Nitrobenzene	7.11	77	173346	37.76	ng		99
25) Isophorone	7.35	82	288471	35.23	ng		99
26) 2-Nitrophenol	7.43	139	75885	39.75	ng	#	68
27) 2,4-Dimethylphenol	7.49	122	133254	39.46	ng		88
28) bis(2-Chloroethoxy)methane	7.58	93	192643	39.83	ng		98
29) 2,4-Dichlorophenol	7.67	162	104876	36.88	ng		88
30) 1,2,4-Trichlorobenzene	7.75	180	114333	36.18	ng		98
31) Naphthalene	7.83	128	419441	37.52	ng		99
32) Benzoic acid	7.62	122	79515	41.86	ng		95
33) 4-Chloroaniline	7.89	127	80762	17.12	ng	#	87
34) Hexachlorobutadiene	7.95	225	66283	37.09	ng		98
35) Caprolactam	8.26	113	42405m	42.67	ng		
36) 4-Chloro-3-methylphenol	8.38	107	125950	37.17	ng		97
37) 2-Methylnaphthalene	8.51	142	259014	36.68	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	112539	39.82	ng		98
40) Hexachlorocyclopentadiene	8.67	237	117560	80.37	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	76634	38.38	ng		98
43) 2,4,5-Trichlorophenol	8.85	196	79320	39.75	ng		98
45) 1,1'-Biphenyl	8.98	154	333492	43.23	ng		98
46) 2-Chloronaphthalene	8.99	162	222937	35.97	ng	#	90
47) 2-Nitroaniline	9.10	65	90049	35.50	ng		98
48) Acenaphthylene	9.41	152	351931	31.74	ng		99
49) Dimethylphthalate	9.29	163	245803	34.08	ng		100
50) 2,6-Dinitrotoluene	9.35	165	56434	36.44	ng	#	74
51) Acenaphthene	9.58	154	214068	32.25	ng		99
52) 3-Nitroaniline	9.51	138	42601	21.98	ng		97
53) 2,4-Dinitrophenol	9.62	184	58112	69.39	ng	#	72
54) Dibenzofuran	9.75	168	299363	33.66	ng		93
55) 4-Nitrophenol	9.69	139	84502	62.08	ng		85
56) 2,4-Dinitrotoluene	9.75	165	72620	35.38	ng	#	63
57) Fluorene	10.09	166	258751	37.82	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	62009m	40.15	ng		
59) Diethylphthalate	9.99	149	287103	37.60	ng		97
60) 4-Chlorophenyl-phenylether	10.09	204	118908	41.07	ng		94
61) 4-Nitroaniline	10.13	138	74223	37.47	ng		91
62) Azobenzene	10.25	77	352820	40.10	ng		92
64) 4,6-Dinitro-2-methylphenol	10.15	198	36345	35.07	ng		88
65) n-Nitrosodiphenylamine	10.22	169	230594	37.22	ng		99
66) 4-Bromophenyl-phenylether	10.57	248	63016	36.96	ng	#	69
67) Hexachlorobenzene	10.63	284	62471	36.18	ng	#	79
68) Atrazine	10.74	200	62196	36.04	ng		98
69) Pentachlorophenol	10.83	266	74638	72.05	ng		97
70) Phenanthrene	11.04	178	386619	37.59	ng		100
71) Anthracene	11.09	178	346082	34.58	ng		100
72) Carbazole	11.25	167	344642	35.77	ng		98
73) Di-n-butylphthalate	11.60	149	472912	40.56	ng		99
74) Fluoranthene	12.22	202	423257	38.14	ng		98
76) Benzidine	12.34	184	190196	38.55	ng		99
77) Pyrene	12.44	202	385753	36.33	ng		99
79) Butylbenzylphthalate	13.08	149	178843	39.19	ng	#	68
80) Benzo(a)anthracene	13.61	228	355211	40.56	ng		99
81) 3,3'-Dichlorobenzidine	13.59	252	73351	25.85	ng		97
82) Chrysene	13.66	228	347161	43.98	ng		99
83) Bis(2-ethylhexyl)phthalate	13.65	149	253190	43.31	ng		100
84) Di-n-octyl phthalate	14.25	149	427864	48.16	ng		97
85) Indeno(1,2,3-cd)pyrene	16.12	276	250734	45.24	ng	#	94
87) Benzo(b)fluoranthene	14.61	252	278002m	34.84	ng		
88) Benzo(k)fluoranthene	14.63	252	274395m	36.90	ng		
89) Benzo(a)pyrene	14.90	252	273405	39.32	ng	#	97
90) Dibenzo(a,h)anthracene	16.13	278	207590	38.32	ng	#	93
91) Benzo(g,h,i)perylene	16.46	276	207989	37.84	ng	#	89

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

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