Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
Data File : BF081271.D
Acq On : 29 Aug 2015 15:17
Operator : UM/IZ
Sample : PB85288BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85288BS

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:58:38 PM

Quant Time: Aug 31 01:24:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 31 01:11:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	50964	20.00	ng		0.00
21) Naphthalene-d8	7.77	136	202246	20.00	ng		0.00
38) Acenaphthene-d10	9.52	164	90474	20.00	ng		0.00
63) Phenanthrene-d10	10.98	188	184967	20.00	ng		0.00
75) Chrysene-d12	13.60	240	149584	20.00	ng		0.00
86) Perylene-d12	14.92	264	124763	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	270314	79.78	ng		0.02
7) Phenol-d6	6.14	99	344243	77.87	ng		0.00
23) Nitrobenzene-d5	7.06	82	346126	78.18	ng		0.00
41) 2,4,6-Tribromophenol	10.30	330	59488	75.85	ng		-0.01
44) 2-Fluorobiphenyl	8.86	172	593602	85.97	ng		0.00
78) Terphenyl-d14	12.56	244	523859	75.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	54803	34.32	ng		93
3) Pyridine	2.51	79	157477	34.94	ng	#	81
4) n-Nitrosodimethylamine	2.48	42	86174	34.34	ng	#	77
6) Aniline	6.14	93	134459	20.92	ng	#	62
8) 2-Chlorophenol	6.26	128	148165	39.95	ng		94
9) Benzaldehyde	6.02	77	24052	8.44	ng		87
10) Phenol	6.15	94	182866	35.02	ng		86
11) bis(2-Chloroethyl)ether	6.23	93	146498	36.57	ng		94
12) 1,3-Dichlorobenzene	6.42	146	145194	36.43	ng		95
13) 1,4-Dichlorobenzene	6.50	146	147969	37.50	ng		97
14) 1,2-Dichlorobenzene	6.65	146	138885	37.61	ng		96
15) Benzyl Alcohol	6.64	79	128344	35.88	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.78	45	291607	37.04	ng		89
17) 2-Methylphenol	6.77	107	118063	37.10	ng		96
18) Hexachloroethane	6.99	117	59641	37.41	ng		95
19) n-Nitroso-di-n-propylamine	6.91	70	116460	38.03	ng		92
20) 3+4-Methylphenols	6.93	107	156592	38.77	ng	#	45
22) Acetophenone	6.90	105	213842	40.27	ng	#	87
24) Nitrobenzene	7.07	77	167156	36.11	ng		96
25) Isophorone	7.33	82	311646	37.75	ng	#	95
26) 2-Nitrophenol	7.39	139	79640	41.37	ng	#	74
27) 2,4-Dimethylphenol	7.45	122	138470	40.66	ng		95
28) bis(2-Chloroethoxy)methane	7.54	93	182979	37.51	ng		100
29) 2,4-Dichlorophenol	7.65	162	113055	39.43	ng		96
30) 1,2,4-Trichlorobenzene	7.71	180	114578	35.95	ng		98
31) Naphthalene	7.79	128	435641	38.64	ng		99
32) Benzoic acid	7.60	122	85552	44.66	ng		91
33) 4-Chloroaniline	7.85	127	52955	11.13	ng	#	91
34) Hexachlorobutadiene	7.92	225	72060	39.99	ng		97
35) Caprolactam	8.24	113	45104m	45.01	ng		
36) 4-Chloro-3-methylphenol	8.35	107	140089	40.99	ng		94
37) 2-Methylnaphthalene	8.48	142	252283	35.43	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	114619	39.27	ng	#	95
40) Hexachlorocyclopentadiene	8.64	237	128137	84.81	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	73902	35.84	ng		99
43) 2,4,5-Trichlorophenol	8.81	196	81228	39.41	ng	#	88
45) 1,1'-Biphenyl	8.95	154	314575	39.47	ng		96
46) 2-Chloronaphthalene	8.97	162	254803	39.80	ng		97
47) 2-Nitroaniline	9.07	65	114507	43.71	ng	#	85
48) Acenaphthylene	9.37	152	385587	33.67	ng		98
49) Dimethylphthalate	9.27	163	314134	42.16	ng		99
50) 2,6-Dinitrotoluene	9.33	165	63623	39.77	ng	#	70
51) Acenaphthene	9.54	154	228093	33.27	ng		100
52) 3-Nitroaniline	9.49	138	39718	19.84	ng	#	68
53) 2,4-Dinitrophenol	9.60	184	64325	73.43	ng	#	40
54) Dibenzofuran	9.73	168	350524	38.15	ng		98
55) 4-Nitrophenol	9.67	139	119498	84.99	ng	#	65
56) 2,4-Dinitrotoluene	9.73	165	85191	40.18	ng	#	79
57) Fluorene	10.06	166	257516	36.44	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	62274m	39.04	ng		
59) Diethylphthalate	9.95	149	303130	38.44	ng		100
60) 4-Chlorophenyl-phenylether	10.06	204	115269	38.54	ng		96
61) 4-Nitroaniline	10.09	138	65990	32.25	ng		91
62) Azobenzene	10.22	77	389481	42.86	ng		95
64) 4,6-Dinitro-2-methylphenol	10.13	198	47645	43.13	ng	#	64
65) n-Nitrosodiphenylamine	10.18	169	259778	39.34	ng		100
66) 4-Bromophenyl-phenylether	10.55	248	69057	38.00	ng		97
67) Hexachlorobenzene	10.61	284	73873	40.14	ng	#	82
68) Atrazine	10.72	200	86183	46.85	ng		99
69) Pentachlorophenol	10.80	266	85871	77.77	ng		98
70) Phenanthrene	11.01	178	380024	34.67	ng		99
71) Anthracene	11.06	178	419151	39.29	ng		99
72) Carbazole	11.22	167	427783	41.65	ng		99
73) Di-n-butylphthalate	11.57	149	468482	37.70	ng		98
74) Fluoranthene	12.18	202	466436	39.43	ng		95
76) Benzidine	12.32	184	150796	26.69	ng		97
77) Pyrene	12.40	202	428369	35.23	ng		99
79) Butylbenzylphthalate	13.05	149	231884	44.36	ng		87
80) Benzo(a)anthracene	13.59	228	396789	39.55	ng		99
81) 3,3'-Dichlorobenzidine	13.57	252	58436	17.98	ng	#	93
82) Chrysene	13.62	228	351158	38.84	ng		100
83) Bis(2-ethylhexyl)phthalate	13.61	149	297413	44.42	ng	#	96
84) Di-n-octyl phthalate	14.22	149	513045	50.42	ng		99
85) Indeno(1,2,3-cd)pyrene	16.07	276	280715	44.23	ng	#	94
87) Benzo(b)fluoranthene	14.58	252	434178m	49.20	ng		
88) Benzo(k)fluoranthene	14.61	252	245817m	29.89	ng		
89) Benzo(a)pyrene	14.87	252	317566	41.30	ng		97
90) Dibenzo(a,h)anthracene	16.08	278	235239	39.26	ng		97
91) Benzo(g,h,i)perylene	16.40	276	223578	36.78	ng	#	88

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

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