Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082471.D
Acq On : 23 Oct 2015 18:00
Operator : UM/IZ
Sample : PB86188BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86188BS

Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

Quant Time: Oct 24 05:11:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 24 04:47:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	111049	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	442205	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	230788	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	440192	20.00	ng		0.00
75) Chrysene-d12	13.97	240	383607	20.00	ng		0.01
86) Perylene-d12	15.48	264	337206	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	530410	96.40	ng		0.01
7) Phenol-d6	6.41	99	696997	97.34	ng		0.00
23) Nitrobenzene-d5	7.33	82	413600	62.81	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	161626	74.68	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	921737	66.23	ng		0.00
78) Terphenyl-d14	12.88	244	904357	62.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	66928	24.21	ng		96
3) Pyridine	3.04	79	191326	29.76	ng		99
4) n-Nitrosodimethylamine	3.02	42	74800	27.43	ng		94
6) Aniline	6.42	93	153497	16.63	ng	#	1
8) 2-Chlorophenol	6.54	128	198964	29.62	ng	#	81
9) Benzaldehyde	6.30	77	73269	20.04	ng		96
10) Phenol	6.42	94	263136	31.87	ng		99
11) bis(2-Chloroethyl)ether	6.49	93	192523	27.58	ng		92
12) 1,3-Dichlorobenzene	6.69	146	221623	28.33	ng		96
13) 1,4-Dichlorobenzene	6.77	146	228697	27.99	ng		97
14) 1,2-Dichlorobenzene	6.93	146	220270m	28.40	ng		
15) Benzyl Alcohol	6.90	79	156286	31.62	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.04	45	280401	28.84	ng		83
17) 2-Methylphenol	7.03	107	167434	31.52	ng		94
18) Hexachloroethane	7.26	117	79439	28.41	ng		94
19) n-Nitroso-di-n-propylamine	7.18	70	148565	29.54	ng	#	90
20) 3+4-Methylphenols	7.19	107	208508	32.94	ng	#	60
22) Acetophenone	7.18	105	279431	31.94	ng	#	87
24) Nitrobenzene	7.35	77	215691	30.26	ng		90
25) Isophorone	7.59	82	397139	29.88	ng		97
26) 2-Nitrophenol	7.67	139	109982	30.90	ng		94
27) 2,4-Dimethylphenol	7.71	122	195979	34.18	ng		96
28) bis(2-Chloroethoxy)methane	7.81	93	239944	31.03	ng		99
29) 2,4-Dichlorophenol	7.91	162	183834	32.07	ng		94
30) 1,2,4-Trichlorobenzene	7.99	180	199176	30.15	ng		98
31) Naphthalene	8.07	128	598454	31.22	ng		99
32) Benzoic acid	7.85	122	96033	24.95	ng		95
33) 4-Chloroaniline	8.13	127	111632	14.02	ng		98
34) Hexachlorobutadiene	8.18	225	117424	28.52	ng		96
35) Caprolactam	8.50	113	55750m	33.51	ng		
36) 4-Chloro-3-methylphenol	8.62	107	179892	32.09	ng		96
37) 2-Methylnaphthalene	8.75	142	401168	30.19	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	209215	30.48	ng		98
40) Hexachlorocyclopentadiene	8.90	237	127840	41.29	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	127450	27.95	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	138422	28.03	ng		96
45) 1,1'-Biphenyl	9.22	154	493006	28.01	ng		99
46) 2-Chloronaphthalene	9.25	162	388656	28.05	ng	#	93
47) 2-Nitroaniline	9.36	65	120490	31.68	ng	#	73
48) Acenaphthylene	9.67	152	657891	30.48	ng		99
49) Dimethylphthalate	9.53	163	473720	29.15	ng		100
50) 2,6-Dinitrotoluene	9.60	165	107926	31.47	ng	#	88
51) Acenaphthene	9.84	154	385212	29.73	ng		98
52) 3-Nitroaniline	9.77	138	58684	15.15	ng		99
53) 2,4-Dinitrophenol	9.89	184	90899	50.04	ng		93
54) Dibenzofuran	10.01	168	582869	32.77	ng		98
55) 4-Nitrophenol	9.95	139	111166	49.08	ng		90
56) 2,4-Dinitrotoluene	10.01	165	134084	31.28	ng		90
57) Fluorene	10.35	166	493332	33.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	117295	29.07	ng		95
59) Diethylphthalate	10.23	149	466522	30.80	ng		99
60) 4-Chlorophenyl-phenylether	10.34	204	210782	31.50	ng		98
61) 4-Nitroaniline	10.39	138	106452	28.33	ng		97
62) Azobenzene	10.50	77	460240	31.04	ng		99
64) 4,6-Dinitro-2-methylphenol	10.41	198	72251	29.25	ng	#	51
65) n-Nitrosodiphenylamine	10.47	169	405005	30.73	ng		100
66) 4-Bromophenyl-phenylether	10.83	248	133221	30.24	ng		97
67) Hexachlorobenzene	10.90	284	133808	28.08	ng		98
68) Atrazine	11.01	200	142380	34.10	ng		93
69) Pentachlorophenol	11.10	266	124472	50.77	ng		96
70) Phenanthrene	11.31	178	693929	32.16	ng		100
71) Anthracene	11.37	178	715900	32.20	ng		99
72) Carbazole	11.53	167	642852	31.69	ng		98
73) Di-n-butylphthalate	11.85	149	755130	30.18	ng		100
74) Fluoranthene	12.50	202	719460	31.05	ng		98
76) Benzidine	12.64	184	243217	21.88	ng		98
77) Pyrene	12.73	202	720157	31.63	ng		99
79) Butylbenzylphthalate	13.36	149	323043	31.09	ng		91
80) Benzo(a)anthracene	13.96	228	603046	30.21	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	149672	19.76	ng		99
82) Chrysene	14.00	228	630185	29.96	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	467203	31.52	ng	#	96
84) Di-n-octyl phthalate	14.62	149	809958	31.82	ng		99
85) Indeno(1,2,3-cd)pyrene	16.86	276	508146	30.40	ng		98
87) Benzo(b)fluoranthene	15.06	252	579434	28.24	ng		98
88) Benzo(k)fluoranthene	15.09	252	563585m	32.68	ng		
89) Benzo(a)pyrene	15.41	252	546637	31.00	ng		98
90) Dibenzo(a,h)anthracene	16.88	278	434672	30.08	ng		98
91) Benzo(g,h,i)perylene	17.28	276	419361	29.88	ng		99

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

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