Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085204.D
Acq On : 4 Mar 2016 15:58
Operator : SJ/IZ
Sample : PB88682BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88682BS

Manual Integrations APPROVED
UMANGI
3/7/2016 3:30:34 PM

Quant Time: Mar 07 10:25:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	158959	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	633985	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	289179	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	535795	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	408226	20.00	ng		-0.01
86) Perylene-d12	15.60	264	267980	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	845613	89.23	ng		0.01
7) Phenol-d6	6.60	99	991920	79.89	ng		-0.01
23) Nitrobenzene-d5	7.53	82	953953	80.52	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	214197	86.57	ng		-0.01
44) 2-Fluorobiphenyl	9.34	172	1657289	87.16	ng		-0.01
78) Terphenyl-d14	13.09	244	1521656	86.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	162608	33.55	ng		98
3) Pyridine	3.52	79	496356	40.92	ng		99
4) n-Nitrosodimethylamine	3.48	42	195872	37.73	ng		92
6) Aniline	6.63	93	277694	15.96	ng		99
8) 2-Chlorophenol	6.76	128	457639	40.11	ng		98
9) Benzaldehyde	6.52	77	163126	25.18	ng		99
10) Phenol	6.61	94	508958m	38.27	ng		
11) bis(2-Chloroethyl)ether	6.71	93	455248	41.22	ng		94
12) 1,3-Dichlorobenzene	6.92	146	499905	40.81	ng		99
13) 1,4-Dichlorobenzene	7.00	146	486514m	39.63	ng		
14) 1,2-Dichlorobenzene	7.14	146	459626	41.27	ng		100
15) Benzyl Alcohol	7.11	79	396308	43.48	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.25	45	594814	37.36	ng		100
17) 2-Methylphenol	7.22	107	412171	44.28	ng		98
18) Hexachloroethane	7.49	117	182314	40.26	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	304008	37.57	ng	#	89
20) 3+4-Methylphenols	7.37	107	449941	40.80	ng		96
22) Acetophenone	7.38	105	615276	39.76	ng	#	97
24) Nitrobenzene	7.56	77	519954	43.20	ng		97
25) Isophorone	7.80	82	910846	41.49	ng		98
26) 2-Nitrophenol	7.88	139	261584	44.66	ng	#	92
27) 2,4-Dimethylphenol	7.91	122	484109	45.23	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	525194	42.95	ng		100
29) 2,4-Dichlorophenol	8.12	162	393957	45.64	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	384969	41.25	ng		100
31) Naphthalene	8.28	128	1301166	41.74	ng		99
32) Benzoic acid	8.01	122	208483	29.33	ng		98
33) 4-Chloroaniline	8.32	127	107402	8.52	ng		96
34) Hexachlorobutadiene	8.40	225	213515	43.97	ng		99
35) Caprolactam	8.70	113	131152m	46.52	ng		
36) 4-Chloro-3-methylphenol	8.80	107	424393	43.34	ng		96
37) 2-Methylnaphthalene	8.97	142	900728	45.02	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	347632	42.03	ng		99
40) Hexachlorocyclopentadiene	9.13	237	397473	89.11	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	273658	44.45	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	269942	46.25	ng	#	90
45) 1,1'-Biphenyl	9.44	154	1049019	42.46	ng		93
46) 2-Chloronaphthalene	9.46	162	821977	43.65	ng		96
47) 2-Nitroaniline	9.56	65	272226	46.65	ng	#	79
48) Acenaphthylene	9.88	152	1212080	41.35	ng		98
49) Dimethylphthalate	9.74	163	981777	44.23	ng		100
50) 2,6-Dinitrotoluene	9.80	165	199072	41.92	ng		92
51) Acenaphthene	10.05	154	795108	44.68	ng		99
52) 3-Nitroaniline	9.96	138	89663	15.78	ng	#	71
53) 2,4-Dinitrophenol	10.07	184	167038	70.39	ng	#	53
54) Dibenzofuran	10.22	168	1048755	44.98	ng		99
55) 4-Nitrophenol	10.13	139	398312	89.22	ng		99
56) 2,4-Dinitrotoluene	10.21	165	275621	45.36	ng	#	63
57) Fluorene	10.56	166	783761	42.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	184865	45.08	ng		99
59) Diethylphthalate	10.44	149	940947	43.69	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	384469	43.15	ng		89
61) 4-Nitroaniline	10.57	138	215365	40.53	ng		99
62) Azobenzene	10.71	77	983196	46.33	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	129595	40.40	ng	#	72
65) n-Nitrosodiphenylamine	10.68	169	778795	46.73	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	216914	41.69	ng	#	82
67) Hexachlorobenzene	11.11	284	236864	42.68	ng	#	76
68) Atrazine	11.20	200	269073	58.06	ng		94
69) Pentachlorophenol	11.30	266	261620	84.92	ng		100
70) Phenanthrene	11.52	178	1225211	43.63	ng		99
71) Anthracene	11.58	178	1280192	42.95	ng		99
72) Carbazole	11.73	167	1043634	39.93	ng		99
73) Di-n-butylphthalate	12.06	149	1434912	43.43	ng		99
74) Fluoranthene	12.71	202	1138882	40.42	ng		96
76) Benzidine	12.82	184	287677	23.68	ng		100
77) Pyrene	12.94	202	1151097	37.46	ng		99
79) Butylbenzylphthalate	13.56	149	578380	41.49	ng		87
80) Benzo(a)anthracene	14.13	228	946120	38.71	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	109735	14.23	ng	#	97
82) Chrysene	14.16	228	774036	34.29	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	739413	40.30	ng	#	97
84) Di-n-octyl phthalate	14.72	149	1053619	37.71	ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	714697	40.57	ng		99
87) Benzo(b)fluoranthene	15.18	252	750817	42.03	ng	#	97
88) Benzo(k)fluoranthene	15.21	252	711637m	49.39	ng		
89) Benzo(a)pyrene	15.55	252	657866	44.45	ng	#	97
90) Dibenzo(a,h)anthracene	17.10	278	603926	47.80	ng		100
91) Benzo(g,h,i)perylene	17.53	276	604767	47.60	ng		99

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

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