Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084835.D
Acq On : 4 Feb 2016 18:18
Operator : SJ/IZ
Sample : PB88185BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88185BS

Manual Integrations APPROVED
mohammad
2/5/2016 1:48:41 PM

Quant Time: Feb 05 02:37:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	140658	20.00	ng		-0.01
21) Naphthalene-d8	7.96	136	605560	20.00	ng		-0.01
38) Acenaphthene-d10	9.71	164	276535	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	503707	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	366479	20.00	ng		-0.01
86) Perylene-d12	15.20	264	296840	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1159780	128.43	ng		-0.01
7) Phenol-d6	6.33	99	1379042	123.18	ng		-0.01
23) Nitrobenzene-d5	7.24	82	923958	85.95	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	381242	132.17	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	1655774	113.58	ng		-0.01
78) Terphenyl-d14	12.77	244	1529273	94.56	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	126466	31.97	ng	#	75
3) Pyridine	2.86	79	390473	37.89	ng	#	76
4) n-Nitrosodimethylamine	2.81	42	232873	43.69	ng		79
6) Aniline	6.34	93	512433	37.41	ng	#	58
8) 2-Chlorophenol	6.46	128	442439	43.28	ng		94
9) Benzaldehyde	6.21	77	154412	23.36	ng		96
10) Phenol	6.34	94	459462	36.64	ng	#	63
11) bis(2-Chloroethyl)ether	6.42	93	424571	43.41	ng		85
12) 1,3-Dichlorobenzene	6.61	146	460942	42.68	ng		97
13) 1,4-Dichlorobenzene	6.69	146	473205	43.83	ng		94
14) 1,2-Dichlorobenzene	6.84	146	393527	39.14	ng		96
15) Benzyl Alcohol	6.83	79	376705	48.73	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.97	45	672702	40.89	ng		86
17) 2-Methylphenol	6.96	107	362233	44.81	ng	#	92
18) Hexachloroethane	7.18	117	174229	41.91	ng		97
19) n-Nitroso-di-n-propylamine	7.10	70	312978	44.60	ng	#	77
20) 3+4-Methylphenols	7.10	107	433517	43.20	ng	#	81
22) Acetophenone	7.09	105	599517	37.56	ng		99
24) Nitrobenzene	7.26	77	452835	39.34	ng		97
25) Isophorone	7.50	82	824354	39.44	ng		97
26) 2-Nitrophenol	7.58	139	254035	44.74	ng		93
27) 2,4-Dimethylphenol	7.63	122	394907	39.99	ng		96
28) bis(2-Chloroethoxy)methane	7.72	93	483761	39.01	ng		98
29) 2,4-Dichlorophenol	7.82	162	347892	41.17	ng		94
30) 1,2,4-Trichlorobenzene	7.90	180	368647	38.63	ng		96
31) Naphthalene	7.98	128	1243913	40.95	ng		99
32) Benzoic acid	7.77	122	227530	36.02	ng		93
33) 4-Chloroaniline	8.04	127	368506	29.33	ng		94
34) Hexachlorobutadiene	8.11	225	219183	39.83	ng		99
35) Caprolactam	8.42	113	117504m	45.12	ng		
36) 4-Chloro-3-methylphenol	8.53	107	385385	39.98	ng		94
37) 2-Methylnaphthalene	8.67	142	818234	43.04	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	344518	39.23	ng		98
40) Hexachlorocyclopentadiene	8.83	237	330087	83.60	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	229940	40.64	ng		96
43) 2,4,5-Trichlorophenol	9.00	196	250186	43.52	ng	#	88
45) 1,1'-Biphenyl	9.14	154	927988	37.57	ng		98
46) 2-Chloronaphthalene	9.16	162	736684	40.50	ng		94
47) 2-Nitroaniline	9.26	65	249750	43.36	ng		95
48) Acenaphthylene	9.57	152	1085417	39.32	ng		97
49) Dimethylphthalate	9.45	163	869953	41.30	ng	#	90
50) 2,6-Dinitrotoluene	9.52	165	206882	44.96	ng		91
51) Acenaphthene	9.74	154	692394	38.56	ng		96
52) 3-Nitroaniline	9.68	138	157245	30.41	ng		93
53) 2,4-Dinitrophenol	9.79	184	191835	89.58	ng		94
54) Dibenzofuran	9.92	168	957611	43.63	ng		91
55) 4-Nitrophenol	9.86	139	289830	76.27	ng	#	81
56) 2,4-Dinitrotoluene	9.92	165	273489	46.60	ng	#	87
57) Fluorene	10.26	166	766053	41.80	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	218549	49.94	ng		93
59) Diethylphthalate	10.14	149	886234	43.09	ng		97
60) 4-Chlorophenyl-phenylether	10.26	204	389406	51.64	ng		95
61) 4-Nitroaniline	10.29	138	220409	43.75	ng		92
62) Azobenzene	10.42	77	972749	49.19	ng		97
64) 4,6-Dinitro-2-methylphenol	10.33	198	133960	43.09	ng		70
65) n-Nitrosodiphenylamine	10.38	169	737413	46.10	ng		98
66) 4-Bromophenyl-phenylether	10.74	248	233896	42.04	ng	#	68
67) Hexachlorobenzene	10.81	284	285440	47.09	ng		97
68) Atrazine	10.91	200	222955	44.14	ng		98
69) Pentachlorophenol	11.00	266	239484	84.06	ng		97
70) Phenanthrene	11.22	178	1319505	47.23	ng		98
71) Anthracene	11.26	178	1160786	41.23	ng		99
72) Carbazole	11.42	167	1015471	41.37	ng		100
73) Di-n-butylphthalate	11.77	149	1365831	43.70	ng	#	97
74) Fluoranthene	12.40	202	1170408	41.39	ng		99
76) Benzidine	12.53	184	552530	43.33	ng		97
77) Pyrene	12.63	202	1282046	45.69	ng		99
79) Butylbenzylphthalate	13.25	149	548193	43.07	ng		89
80) Benzo(a)anthracene	13.81	228	1040307	45.74	ng		99
81) 3,3'-Dichlorobenzidine	13.78	252	204589	25.40	ng	#	98
82) Chrysene	13.85	228	939697	42.60	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	731197	46.16	ng	#	95
84) Di-n-octyl phthalate	14.43	149	1148251	43.94	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.48	276	841160	48.45	ng		99
87) Benzo(b)fluoranthene	14.82	252	938254m	47.04	ng		
88) Benzo(k)fluoranthene	14.84	252	699754m	42.43	ng		
89) Benzo(a)pyrene	15.14	252	773747	45.53	ng		98
90) Dibenzo(a,h)anthracene	16.49	278	697809	48.78	ng		97
91) Benzo(g,h,i)perylene	16.87	276	721156	50.05	ng		96

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

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