Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
Data File : BF097354.D
Acq On : 4 Aug 2017 14:22
Operator : SJ/JU
Sample : PB101182BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101182BSD

Manual Integrations APPROVED
Sohil
8/7/2017 6:09:28 PM

Quant Time: Aug 04 17:08:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 16:25:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	90998	20.00	ng		0.00
21) Naphthalene-d8	7.72	136	405383	20.00	ng		0.00
38) Acenaphthene-d10	9.46	164	173644	20.00	ng		0.00
63) Phenanthrene-d10	10.93	188	302180	20.00	ng		0.00
75) Chrysene-d12	13.56	240	201710	20.00	ng		0.00
86) Perylene-d12	14.89	264	172785	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	580690	96.20	ng		0.01
7) Phenol-d6	6.11	99	617311	89.58	ng		0.00
23) Nitrobenzene-d5	7.02	82	574543	83.14	ng		0.00
41) 2,4,6-Tribromophenol	10.25	330	124631	90.84	ng		0.00
44) 2-Fluorobiphenyl	8.80	172	947169	92.57	ng		0.00
78) Terphenyl-d14	12.52	244	799393	80.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	105526	41.891	ng	#	72
3) Pyridine	2.61	79	343689	44.556	ng	#	65
4) n-Nitrosodimethylamine	2.58	42	205150	48.007	ng		80
6) Aniline	6.10	93	317411	36.602	ng		91
8) 2-Chlorophenol	6.23	128	295393	45.765	ng		97
9) Benzaldehyde	5.98	77	147911	36.262	ng		96
10) Phenol	6.13	94	352148	43.081	ng		95
11) bis(2-Chloroethyl)ether	6.19	93	287469	44.466	ng		91
12) 1,3-Dichlorobenzene	6.37	146	296832	42.673	ng		98
13) 1,4-Dichlorobenzene	6.46	146	290325	42.116	ng		96
14) 1,2-Dichlorobenzene	6.61	146	258400	42.931	ng		99
15) Benzyl Alcohol	6.60	79	217245	49.792	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.73	45	566708	43.704	ng		59
17) 2-Methylphenol	6.73	107	227783	45.725	ng	#	88
18) Hexachloroethane	6.95	117	112969	44.795	ng	#	79
19) n-Nitroso-di-n-propylamine	6.87	70	206044	45.424	ng	#	82
20) 3+4-Methylphenols	6.89	107	320770	49.301	ng	#	61
22) Acetophenone	6.86	105	406235	41.729	ng		97
24) Nitrobenzene	7.03	77	297980	41.404	ng		94
25) Isophorone	7.27	82	484801	35.824	ng		97
26) 2-Nitrophenol	7.35	139	166738	42.823	ng	#	87
27) 2,4-Dimethylphenol	7.41	122	245842	38.276	ng		95
28) bis(2-Chloroethoxy)methane	7.49	93	340671	38.575	ng		99
29) 2,4-Dichlorophenol	7.60	162	244994	44.277	ng		97
30) 1,2,4-Trichlorobenzene	7.67	180	222283	42.146	ng		97
31) Naphthalene	7.75	128	782683	40.958	ng		99
32) Benzoic acid	7.58	122	169800	35.404	ng		91
33) 4-Chloroaniline	7.80	127	240450	30.924	ng		98
34) Hexachlorobutadiene	7.87	225	113159	40.471	ng		99
35) Caprolactam	8.19	113	90707m	51.124	ng		
36) 4-Chloro-3-methylphenol	8.32	107	268572	44.491	ng		90
37) 2-Methylnaphthalene	8.43	142	559888	46.275	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.60	216	189589	40.919	ng		99
40) Hexachlorocyclopentadiene	8.59	237	111697	69.852	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	135811	40.449	ng		97
43) 2,4,5-Trichlorophenol	8.77	196	142319	42.348	ng		97
45) 1,1'-Biphenyl	8.90	154	592365	39.939	ng		98
46) 2-Chloronaphthalene	8.92	162	481710	44.135	ng		96
47) 2-Nitroaniline	9.03	65	185337	46.791	ng		96
48) Acenaphthylene	9.33	152	722997	43.157	ng		99
49) Dimethylphthalate	9.21	163	556128	42.175	ng		99
50) 2,6-Dinitrotoluene	9.27	165	123245	44.068	ng	#	89
51) Acenaphthene	9.50	154	411461	41.697	ng		98
52) 3-Nitroaniline	9.44	138	119791	34.508	ng		92
53) 2,4-Dinitrophenol	9.56	184	96675	76.026	ng	#	76
54) Dibenzofuran	9.67	168	650857	49.518	ng		95
55) 4-Nitrophenol	9.64	139	142055	68.812	ng	#	66
56) 2,4-Dinitrotoluene	9.68	165	164161	51.060	ng	#	74
57) Fluorene	10.01	166	486464	49.243	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.80	232	106247	45.788	ng		96
59) Diethylphthalate	9.90	149	583989	48.273	ng		99
60) 4-Chlorophenyl-phenylether	10.00	204	193192	47.358	ng		99
61) 4-Nitroaniline	10.05	138	155911	47.268	ng		95
62) Azobenzene	10.17	77	521656	46.482	ng		91
64) 4,6-Dinitro-2-methylphenol	10.09	198	81181	43.234	ng		91
65) n-Nitrosodiphenylamine	10.13	169	440542	41.900	ng		97
66) 4-Bromophenyl-phenylether	10.49	248	136504	45.265	ng		98
67) Hexachlorobenzene	10.56	284	141977	41.983	ng	#	92
68) Atrazine	10.67	200	140621	46.642	ng		96
69) Pentachlorophenol	10.76	266	94694	67.676	ng		96
70) Phenanthrene	10.96	178	727941	44.960	ng		99
71) Anthracene	11.02	178	738931	44.560	ng		99
72) Carbazole	11.17	167	760352	46.622	ng		99
73) Di-n-butylphthalate	11.52	149	861188	42.718	ng		98
74) Fluoranthene	12.14	202	771986	48.670	ng		98
76) Benzidine	12.27	184	388198	51.868	ng	#	92
77) Pyrene	12.36	202	768845	46.559	ng		100
79) Butylbenzylphthalate	13.00	149	382487	45.535	ng	#	83
80) Benzo(a)anthracene	13.54	228	580713	44.494	ng		99
81) 3,3'-Dichlorobenzidine	13.52	252	152465	30.978	ng	#	97
82) Chrysene	13.59	228	585151	45.915	ng		99
83) Bis(2-ethylhexyl)phthalate	13.56	149	450950	41.117	ng	#	100
84) Di-n-octyl phthalate	14.16	149	756289	37.577	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.10	276	398511	36.467	ng		100
87) Benzo(b)fluoranthene	14.54	252	466329	44.898	ng		99
88) Benzo(k)fluoranthene	14.57	252	420465	42.482	ng		96
89) Benzo(a)pyrene	14.84	252	419096	44.088	ng		98
90) Dibenzo(a,h)anthracene	16.10	278	327400	41.999	ng		97
91) Benzo(g,h,i)perylene	16.45	276	351836	43.039	ng		96

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

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