Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092308.D
Acq On : 17 Jan 2017 4:13
Operator : UM/SJ
Sample : PB96013BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96013BS

Manual Integrations APPROVED
mohammad
1/17/2017 4:58:09 PM

Quant Time: Jan 17 06:28:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 00:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	184364	20.00	ng		0.00
21) Naphthalene-d8	7.86	136	726671	20.00	ng		0.00
38) Acenaphthene-d10	9.60	164	363998	20.00	ng		0.00
63) Phenanthrene-d10	11.08	188	686794	20.00	ng		0.00
75) Chrysene-d12	13.70	240	360592	20.00	ng		-0.01
86) Perylene-d12	15.06	264	476464	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	858456	77.75	ng		0.01
7) Phenol-d6	6.23	99	1041364	77.25	ng		0.00
23) Nitrobenzene-d5	7.14	82	1144340	87.57	ng		0.00
41) 2,4,6-Tribromophenol	10.39	330	260590	86.51	ng		0.00
44) 2-Fluorobiphenyl	8.93	172	1667536	95.45	ng		0.00
78) Terphenyl-d14	12.66	244	1460391	98.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	219644	40.41	ng	#	94
3) Pyridine	2.66	79	664347	35.02	ng		98
4) n-Nitrosodimethylamine	2.62	42	266673	37.26	ng		99
6) Aniline	6.22	93	287144	16.40	ng	#	51
8) 2-Chlorophenol	6.36	128	593819	47.28	ng		87
9) Benzaldehyde	6.11	77	30478	2.80	ng		85
10) Phenol	6.24	94	726182	47.27	ng	#	71
11) bis(2-Chloroethyl)ether	6.31	93	565215	46.24	ng		91
12) 1,3-Dichlorobenzene	6.50	146	562429m	41.95	ng		
13) 1,4-Dichlorobenzene	6.58	146	555416	40.70	ng		99
14) 1,2-Dichlorobenzene	6.74	146	538629	45.49	ng		96
15) Benzyl Alcohol	6.72	79	438852	41.90	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	791669	43.49	ng		52
17) 2-Methylphenol	6.86	107	444865	44.04	ng	#	88
18) Hexachloroethane	7.07	117	215613	42.62	ng	#	86
19) n-Nitroso-di-n-propylamine	7.00	70	406492	45.32	ng		97
20) 3+4-Methylphenols	7.01	107	630144	52.30	ng	#	69
22) Acetophenone	6.99	105	802601	44.78	ng	#	92
24) Nitrobenzene	7.16	77	615359	44.21	ng		95
25) Isophorone	7.40	82	1088917	45.16	ng		96
26) 2-Nitrophenol	7.48	139	300267	43.75	ng		91
27) 2,4-Dimethylphenol	7.54	122	471276	41.40	ng		98
28) bis(2-Chloroethoxy)methane	7.62	93	638831	43.69	ng		98
29) 2,4-Dichlorophenol	7.73	162	451170	46.80	ng		92
30) 1,2,4-Trichlorobenzene	7.80	180	443937	42.02	ng		97
31) Naphthalene	7.88	128	1515146	45.56	ng		99
32) Benzoic acid	7.70	122	253445	30.02	ng		98
33) 4-Chloroaniline	7.94	127	120701	8.05	ng		96
34) Hexachlorobutadiene	7.99	225	236595	42.43	ng		99
35) Caprolactam	8.31	113	135550m	42.79	ng		
36) 4-Chloro-3-methylphenol	8.45	107	474425	42.77	ng		86
37) 2-Methylnaphthalene	8.56	142	926540	46.54	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	435223	47.32	ng		99
40) Hexachlorocyclopentadiene	8.72	237	201455	50.72	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	273712	42.56	ng		99
43) 2,4,5-Trichlorophenol	8.91	196	286946	43.35	ng		93
45) 1,1'-Biphenyl	9.03	154	1238250	49.68	ng		99
46) 2-Chloronaphthalene	9.06	162	936998	47.47	ng		97
47) 2-Nitroaniline	9.16	65	284103	40.43	ng		99
48) Acenaphthylene	9.46	152	1308385	43.10	ng		98
49) Dimethylphthalate	9.34	163	1024515	44.01	ng		99
50) 2,6-Dinitrotoluene	9.41	165	232209	45.57	ng	#	76
51) Acenaphthene	9.63	154	855952	41.59	ng		99
52) 3-Nitroaniline	9.57	138	114809	18.21	ng		91
53) 2,4-Dinitrophenol	9.70	184	141083	49.76	ng	#	89
54) Dibenzofuran	9.80	168	1258275	45.28	ng		98
55) 4-Nitrophenol	9.76	139	287739m	67.20	ng		
56) 2,4-Dinitrotoluene	9.81	165	297073	46.45	ng		91
57) Fluorene	10.14	166	981136	48.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	282202	53.91	ng		96
59) Diethylphthalate	10.04	149	1220580	53.99	ng		98
60) 4-Chlorophenyl-phenylether	10.14	204	456025	51.51	ng		94
61) 4-Nitroaniline	10.19	138	311573	47.68	ng		86
62) Azobenzene	10.30	77	1435652	57.67	ng		94
64) 4,6-Dinitro-2-methylphenol	10.22	198	152257	36.66	ng		88
65) n-Nitrosodiphenylamine	10.27	169	1053602	51.70	ng		99
66) 4-Bromophenyl-phenylether	10.63	248	332960	46.60	ng	#	76
67) Hexachlorobenzene	10.69	284	314097	41.13	ng	#	88
68) Atrazine	10.80	200	338540	51.50	ng		96
69) Pentachlorophenol	10.90	266	252981	67.52	ng		97
70) Phenanthrene	11.10	178	1635232	43.91	ng		99
71) Anthracene	11.15	178	1515798	46.40	ng		99
72) Carbazole	11.32	167	1420011	47.46	ng	#	96
73) Di-n-butylphthalate	11.65	149	1712744	48.89	ng		99
74) Fluoranthene	12.28	202	1347061	40.88	ng		98
76) Benzidine	12.42	184	561121	68.76	ng		96
77) Pyrene	12.51	202	1396683	52.79	ng		98
79) Butylbenzylphthalate	13.14	149	643436	53.47	ng		96
80) Benzo(a)anthracene	13.69	228	1028902	50.55	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	227061	29.42	ng	#	97
82) Chrysene	13.73	228	1031871	50.54	ng		98
83) Bis(2-ethylhexyl)phthalate	13.71	149	795674	56.15	ng	#	94
84) Di-n-octyl phthalate	14.31	149	1368384	52.13	ng		98
85) Indeno(1,2,3-cd)pyrene	16.28	276	1325377	74.93	ng		97
87) Benzo(b)fluoranthene	14.69	252	1075604m	36.26	ng		
88) Benzo(k)fluoranthene	14.71	252	1020432m	40.34	ng		
89) Benzo(a)pyrene	15.00	252	1100109	41.78	ng		98
90) Dibenzo(a,h)anthracene	16.29	278	1088552	50.30	ng		98
91) Benzo(g,h,i)perylene	16.65	276	1177045	52.31	ng	#	92

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

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