Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096000.D
Acq On : 19 Jun 2017 11:52
Operator : SJ/MA
Sample : PB99832BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99832BS

Manual Integrations APPROVED
mohammad
6/20/2017 4:28:38 PM

Quant Time: Jun 20 11:57:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	74716	20.00	ng		-0.02
21) Naphthalene-d8	9.33	136	315487	20.00	ng		-0.02
38) Acenaphthene-d10	12.16	164	146405	20.00	ng		-0.02
63) Phenanthrene-d10	14.55	188	253314	20.00	ng		-0.02
75) Chrysene-d12	18.28	240	164783	20.00	ng		-0.02
86) Perylene-d12	19.94	264	122647	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	668867	142.65	ng		0.00
7) Phenol-d6	6.89	99	773805	137.85	ng		-0.02
23) Nitrobenzene-d5	8.23	82	468786	92.28	ng		-0.02
41) 2,4,6-Tribromophenol	13.46	330	168800	130.31	ng		-0.02
44) 2-Fluorobiphenyl	11.12	172	938454	89.20	ng		-0.02
78) Terphenyl-d14	16.93	244	744353	112.10	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.70	88	79512m	35.65	ng		
3) Pyridine	2.24	79	204149m	38.94	ng		
4) n-Nitrosodimethylamine	2.22	42	94466	47.40	ng		83
6) Aniline	6.81	93	227224	30.94	ng		92
8) 2-Chlorophenol	6.99	128	245278	49.20	ng		96
9) Benzaldehyde	6.62	77	68045	17.97	ng		96
10) Phenol	6.90	94	295545	50.75	ng		92
11) bis(2-Chloroethyl)ether	6.96	93	215342	46.68	ng		97
12) 1,3-Dichlorobenzene	7.20	146	257487	45.63	ng		98
13) 1,4-Dichlorobenzene	7.33	146	256276	44.78	ng		97
14) 1,2-Dichlorobenzene	7.56	146	245977	46.63	ng		96
15) Benzyl Alcohol	7.62	79	196872	51.10	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.80	45	307699	47.48	ng		96
17) 2-Methylphenol	7.85	107	204805	48.95	ng		95
18) Hexachloroethane	8.08	117	89555	47.38	ng	#	85
19) n-Nitroso-di-n-propylamine	8.05	70	171584	48.23	ng		92
20) 3+4-Methylphenols	8.12	107	268381	50.53	ng	#	57
22) Acetophenone	8.00	105	339876	46.03	ng	#	83
24) Nitrobenzene	8.26	77	240511	44.32	ng		94
25) Isophorone	8.66	82	437088	46.08	ng		96
26) 2-Nitrophenol	8.77	139	136744	48.12	ng		97
27) 2,4-Dimethylphenol	8.93	122	214720	48.69	ng		98
28) bis(2-Chloroethoxy)methane	9.04	93	290064	46.39	ng		97
29) 2,4-Dichlorophenol	9.20	162	203483	47.91	ng		98
30) 1,2,4-Trichlorobenzene	9.27	180	202059	45.72	ng		99
31) Naphthalene	9.37	128	694785	43.88	ng		99
32) Benzoic acid	9.30	122	70209	27.88	ng		93
33) 4-Chloroaniline	9.53	127	148833	24.05	ng		93
34) Hexachlorobutadiene	9.59	225	102515	44.90	ng		98
35) Caprolactam	10.18	113	62160m	49.19	ng		
36) 4-Chloro-3-methylphenol	10.42	107	216220	48.63	ng		88
37) 2-Methylnaphthalene	10.50	142	487920	45.61	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.78	216	191993	43.82	ng		98
40) Hexachlorocyclopentadiene	10.75	237	99205	73.32	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.02	196	131719	46.76	ng		99
43) 2,4,5-Trichlorophenol	11.11	196	125170	41.77	ng		95
45) 1,1'-Biphenyl	11.27	154	543652	45.05	ng		98
46) 2-Chloronaphthalene	11.28	162	420257	44.58	ng		95
47) 2-Nitroaniline	11.51	65	124135	44.99	ng	#	80
48) Acenaphthylene	11.93	152	653547	40.54	ng		99
49) Dimethylphthalate	11.83	163	514521	46.29	ng		98
50) 2,6-Dinitrotoluene	11.93	165	105255	43.41	ng	#	69
51) Acenaphthene	12.22	154	392553	42.16	ng		98
52) 3-Nitroaniline	12.19	138	79499	28.14	ng		85
53) 2,4-Dinitrophenol	12.42	184	51775	41.14	ng	#	70
54) Dibenzofuran	12.50	168	611979	46.70	ng		96
55) 4-Nitrophenol	12.62	139	120820	73.64	ng	#	73
56) 2,4-Dinitrotoluene	12.60	165	153424	46.85	ng		93
57) Fluorene	13.06	166	486138	42.63	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.76	232	103751	50.60	ng	#	95
59) Diethylphthalate	12.97	149	499537	46.70	ng		99
60) 4-Chlorophenyl-phenylether	13.08	204	219117	44.18	ng		91
61) 4-Nitroaniline	13.20	138	110772	42.00	ng		94
62) Azobenzene	13.34	77	456052	47.04	ng		95
64) 4,6-Dinitro-2-methylphenol	13.27	198	54971	33.01	ng		80
65) n-Nitrosodiphenylamine	13.30	169	418303	45.96	ng		98
66) 4-Bromophenyl-phenylether	13.86	248	126313	47.98	ng		96
67) Hexachlorobenzene	13.94	284	124187	47.87	ng	#	87
68) Atrazine	14.23	200	125809	49.66	ng		96
69) Pentachlorophenol	14.32	266	64015	66.31	ng		99
70) Phenanthrene	14.59	178	677654	46.36	ng		98
71) Anthracene	14.68	178	690342	45.24	ng		98
72) Carbazole	14.98	167	622194	41.84	ng		97
73) Di-n-butylphthalate	15.57	149	780142	49.31	ng		98
74) Fluoranthene	16.37	202	656147	45.36	ng		99
76) Benzidine	16.62	184	124326	19.65	ng	#	92
77) Pyrene	16.68	202	648670	52.76	ng		99
79) Butylbenzylphthalate	17.60	149	296620	55.24	ng		88
80) Benzo(a)anthracene	18.27	228	448009	46.76	ng		99
81) 3,3'-Dichlorobenzidine	18.26	252	90235	26.49	ng	#	97
82) Chrysene	18.31	228	442806	46.25	ng		98
83) Bis(2-ethylhexyl)phthalate	18.36	149	407182	53.76	ng	#	99
84) Di-n-octyl phthalate	19.12	149	581541	46.59	ng		96
85) Indeno(1,2,3-cd)pyrene	21.10	276	386788	47.22	ng		99
87) Benzo(b)fluoranthene	19.54	252	373024	48.57	ng		98
88) Benzo(k)fluoranthene	19.57	252	335922m	45.76	ng		
89) Benzo(a)pyrene	19.89	252	340167	48.19	ng		100
90) Dibenzo(a,h)anthracene	21.10	278	320397	53.51	ng		98
91) Benzo(g,h,i)perylene	21.42	276	344706	56.47	ng		99

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

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