Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094003.D
Acq On : 28 Mar 2017 20:08
Operator : SJ/MA
Sample : PB97860BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97860BS

Manual Integrations APPROVED
mohammad
3/29/2017 1:56:53 PM

Quant Time: Mar 29 03:53:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	171521	20.00	ng		-0.02
21) Naphthalene-d8	7.43	136	696868	20.00	ng		-0.02
38) Acenaphthene-d10	9.57	164	324640	20.00	ng		-0.02
63) Phenanthrene-d10	11.40	188	558347	20.00	ng		-0.02
75) Chrysene-d12	14.65	240	376487	20.00	ng		-0.03
86) Perylene-d12	16.28	264	287141	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.47	112	873439	86.01	ng		0.00
7) Phenol-d6	5.54	99	1107635	88.17	ng		-0.01
23) Nitrobenzene-d5	6.59	82	993182	81.33	ng		-0.02
41) 2,4,6-Tribromophenol	10.55	330	248868	97.01	ng		-0.02
44) 2-Fluorobiphenyl	8.76	172	1843463	86.61	ng		-0.02
78) Terphenyl-d14	13.38	244	1477098	87.94	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	156948	32.17	ng		97
3) Pyridine	2.82	79	447712	33.67	ng		98
4) n-Nitrosodimethylamine	2.79	42	223130	40.78	ng		93
6) Aniline	5.55	93	354849	20.31	ng	#	1
8) 2-Chlorophenol	5.69	128	501506	44.93	ng		98
9) Benzaldehyde	5.42	77	98086	11.56	ng		98
10) Phenol	5.55	94	590319	41.29	ng		95
11) bis(2-Chloroethyl)ether	5.63	93	467798	41.87	ng		99
12) 1,3-Dichlorobenzene	5.86	146	516388	41.24	ng		99
13) 1,4-Dichlorobenzene	5.95	146	520763	41.07	ng		97
14) 1,2-Dichlorobenzene	6.13	146	487463	41.74	ng		95
15) Benzyl Alcohol	6.10	79	397232	43.20	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.26	45	644271	37.42	ng		97
17) 2-Methylphenol	6.24	107	416227	43.54	ng		98
18) Hexachloroethane	6.52	117	184492	41.39	ng		88
19) n-Nitroso-di-n-propylamine	6.42	70	337747	41.83	ng		97
20) 3+4-Methylphenols	6.42	107	521706	45.06	ng	#	64
22) Acetophenone	6.40	105	685469	44.13	ng	#	88
24) Nitrobenzene	6.60	77	505447	41.97	ng		95
25) Isophorone	6.89	82	923229	43.03	ng		95
26) 2-Nitrophenol	6.98	139	281869	49.08	ng		98
27) 2,4-Dimethylphenol	7.05	122	459475	46.43	ng		99
28) bis(2-Chloroethoxy)methane	7.15	93	597061	42.20	ng		99
29) 2,4-Dichlorophenol	7.27	162	436648	47.19	ng		99
30) 1,2,4-Trichlorobenzene	7.37	180	412868	43.32	ng		98
31) Naphthalene	7.46	128	1394501	41.62	ng		100
32) Benzoic acid	7.22	122	332367	50.45	ng		96
33) 4-Chloroaniline	7.52	127	148386	10.93	ng	#	93
34) Hexachlorobutadiene	7.62	225	212343	43.45	ng		98
35) Caprolactam	7.98	113	144681m	49.03	ng		
36) 4-Chloro-3-methylphenol	8.15	107	465164	48.11	ng		89
37) 2-Methylnaphthalene	8.30	142	989418	44.30	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	356961	40.19	ng		99
40) Hexachlorocyclopentadiene	8.50	237	380344	91.52	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	298618	47.53	ng		98
43) 2,4,5-Trichlorophenol	8.71	196	304291	44.76	ng		95
45) 1,1'-Biphenyl	8.88	154	1113158	42.51	ng		98
46) 2-Chloronaphthalene	8.90	162	880399	42.95	ng		94
47) 2-Nitroaniline	9.03	65	268980	44.24	ng	#	85
48) Acenaphthylene	9.41	152	1397289	41.02	ng		100
49) Dimethylphthalate	9.27	163	1078471	46.73	ng		100
50) 2,6-Dinitrotoluene	9.33	165	241932	45.73	ng		91
51) Acenaphthene	9.62	154	829019	41.71	ng		100
52) 3-Nitroaniline	9.53	138	124511	20.04	ng		86
53) 2,4-Dinitrophenol	9.67	184	256080	89.85	ng	#	72
54) Dibenzofuran	9.83	168	1210787	44.75	ng		99
55) 4-Nitrophenol	9.77	139	390568	80.29	ng	#	67
56) 2,4-Dinitrotoluene	9.83	165	293206	44.12	ng	#	69
57) Fluorene	10.25	166	905506	40.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	230329	49.37	ng		98
59) Diethylphthalate	10.14	149	1039960	45.60	ng		98
60) 4-Chlorophenyl-phenylether	10.26	204	390780	40.88	ng		95
61) 4-Nitroaniline	10.29	138	252204	42.31	ng		92
62) Azobenzene	10.46	77	1003969	46.53	ng		95
64) 4,6-Dinitro-2-methylphenol	10.33	198	165360	48.36	ng	#	63
65) n-Nitrosodiphenylamine	10.41	169	857492	44.41	ng		97
66) 4-Bromophenyl-phenylether	10.86	248	255938	46.61	ng		99
67) Hexachlorobenzene	10.93	284	255198	45.91	ng	#	85
68) Atrazine	11.08	200	239118	41.35	ng		97
69) Pentachlorophenol	11.18	266	273562	79.06	ng		98
70) Phenanthrene	11.43	178	1334570	42.97	ng		99
71) Anthracene	11.50	178	1386520	43.36	ng		99
72) Carbazole	11.70	167	1259996	38.42	ng		98
73) Di-n-butylphthalate	12.14	149	1600964	46.94	ng		100
74) Fluoranthene	12.89	202	1324673	41.65	ng		98
76) Benzidine	13.06	184	171503	11.51	ng	#	92
77) Pyrene	13.17	202	1317363	48.21	ng		100
79) Butylbenzylphthalate	13.99	149	640609	55.03	ng		88
80) Benzo(a)anthracene	14.64	228	992524	45.21	ng		99
81) 3,3'-Dichlorobenzidine	14.61	252	198092	25.24	ng	#	97
82) Chrysene	14.69	228	855511	41.99	ng		100
83) Bis(2-ethylhexyl)phthalate	14.70	149	871790	54.89	ng	#	100
84) Di-n-octyl phthalate	15.45	149	1418230	53.45	ng		97
85) Indeno(1,2,3-cd)pyrene	17.64	276	776372	44.00	ng		100
87) Benzo(b)fluoranthene	15.87	252	796344	45.25	ng		98
88) Benzo(k)fluoranthene	15.90	252	761719	44.23	ng	#	95
89) Benzo(a)pyrene	16.22	252	746061	46.03	ng		98
90) Dibenzo(a,h)anthracene	17.67	278	648109	47.22	ng		98
91) Benzo(g,h,i)perylene	18.05	276	622511	45.00	ng		97

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

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