Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
Data File : BF094394.D
Acq On : 13 Apr 2017 17:01
Operator : SJ/MA
Sample : PB98229BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98229BS

Manual Integrations APPROVED
mohammad
4/14/2017 1:37:10 PM

Quant Time: Apr 14 01:57:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 14 01:21:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	151084	20.00	ng		-0.04
21) Naphthalene-d8	7.29	136	611431	20.00	ng		-0.04
38) Acenaphthene-d10	9.43	164	286005	20.00	ng		-0.05
63) Phenanthrene-d10	11.25	188	495494	20.00	ng		-0.04
75) Chrysene-d12	14.50	240	404621	20.00	ng		-0.05
86) Perylene-d12	16.12	264	318144	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.35	112	1126661	125.95	ng		-0.02
7) Phenol-d6	5.43	99	1425811	128.85	ng		-0.04
23) Nitrobenzene-d5	6.44	82	901290	84.12	ng		-0.05
41) 2,4,6-Tribromophenol	10.41	330	306091	135.44	ng		-0.04
44) 2-Fluorobiphenyl	8.62	172	1704475	90.90	ng		-0.04
78) Terphenyl-d14	13.23	244	1437390	79.63	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	140397	32.67	ng		97
3) Pyridine	2.65	79	416590	35.57	ng		96
4) n-Nitrosodimethylamine	2.62	42	194296	40.32	ng		93
6) Aniline	5.42	93	320328	20.81	ng	#	84
8) 2-Chlorophenol	5.56	128	437969	44.54	ng		97
9) Benzaldehyde	5.28	77	123206	16.49	ng		98
10) Phenol	5.44	94	522045	41.46	ng		91
11) bis(2-Chloroethyl)ether	5.50	93	408601	41.52	ng		95
12) 1,3-Dichlorobenzene	5.72	146	474254	43.00	ng		98
13) 1,4-Dichlorobenzene	5.81	146	478010	42.79	ng		97
14) 1,2-Dichlorobenzene	5.98	146	439928	42.77	ng		97
15) Benzyl Alcohol	5.97	79	339485	41.91	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.12	45	536983	35.41	ng	#	27
17) 2-Methylphenol	6.12	107	358749	42.60	ng	#	87
18) Hexachloroethane	6.37	117	166261	42.35	ng	#	88
19) n-Nitroso-di-n-propylamine	6.28	70	319469	44.92	ng		95
20) 3+4-Methylphenols	6.30	107	496070	48.64	ng	#	62
22) Acetophenone	6.26	105	625767	45.92	ng	#	86
24) Nitrobenzene	6.46	77	448287	42.42	ng		95
25) Isophorone	6.75	82	809875	43.02	ng		95
26) 2-Nitrophenol	6.84	139	252101	50.03	ng		98
27) 2,4-Dimethylphenol	6.92	122	409270	47.14	ng		97
28) bis(2-Chloroethoxy)methane	7.02	93	529846	42.68	ng		98
29) 2,4-Dichlorophenol	7.15	162	390503	48.10	ng		99
30) 1,2,4-Trichlorobenzene	7.23	180	384090	45.93	ng		99
31) Naphthalene	7.32	128	1257476	42.77	ng		99
32) Benzoic acid	7.10	122	193904	33.55	ng		94
33) 4-Chloroaniline	7.39	127	140245	11.77	ng	#	91
34) Hexachlorobutadiene	7.47	225	192169	44.82	ng		98
35) Caprolactam	7.83	113	123516m	47.71	ng		
36) 4-Chloro-3-methylphenol	8.03	107	407397	48.03	ng		90
37) 2-Methylnaphthalene	8.16	142	892857	45.56	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.37	216	333231	42.59	ng		99
40) Hexachlorocyclopentadiene	8.35	237	330942	90.39	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.52	196	249754	45.12	ng		97
43) 2,4,5-Trichlorophenol	8.58	196	253296	42.29	ng	#	92
45) 1,1'-Biphenyl	8.73	154	995002	43.13	ng		98
46) 2-Chloronaphthalene	8.75	162	789259	43.71	ng		94
47) 2-Nitroaniline	8.89	65	234412	43.76	ng	#	86
48) Acenaphthylene	9.26	152	1231784	41.04	ng		99
49) Dimethylphthalate	9.13	163	951156	46.78	ng		100
50) 2,6-Dinitrotoluene	9.19	165	215681	46.28	ng		90
51) Acenaphthene	9.47	154	744409	42.51	ng		100
52) 3-Nitroaniline	9.39	138	106976	19.55	ng		90
53) 2,4-Dinitrophenol	9.53	184	194270	78.02	ng	#	71
54) Dibenzofuran	9.69	168	1063895	44.63	ng		99
55) 4-Nitrophenol	9.66	139	381645m	89.05	ng		
56) 2,4-Dinitrotoluene	9.69	165	254617	43.49	ng	#	91
57) Fluorene	10.10	166	822426	41.60	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.85	232	185623	45.17	ng		98
59) Diethylphthalate	9.99	149	903999	44.99	ng		99
60) 4-Chlorophenyl-phenylether	10.11	204	358693	42.59	ng		96
61) 4-Nitroaniline	10.16	138	212861	40.53	ng		95
62) Azobenzene	10.31	77	855831	45.02	ng		94
64) 4,6-Dinitro-2-methylphenol	10.19	198	144281	47.55	ng	#	74
65) n-Nitrosodiphenylamine	10.27	169	766354	44.72	ng		99
66) 4-Bromophenyl-phenylether	10.71	248	228016	46.79	ng		99
67) Hexachlorobenzene	10.78	284	224765	45.56	ng	#	84
68) Atrazine	10.94	200	232795	45.36	ng		95
69) Pentachlorophenol	11.04	266	176481	57.48	ng		98
70) Phenanthrene	11.28	178	1210523	43.92	ng		99
71) Anthracene	11.35	178	1248694	44.00	ng		98
72) Carbazole	11.55	167	1165037	40.03	ng		99
73) Di-n-butylphthalate	12.00	149	1407689	46.51	ng		100
74) Fluoranthene	12.74	202	1236381	43.81	ng		99
76) Benzidine	12.91	184	413223	25.80	ng	#	93
77) Pyrene	13.02	202	1259410	42.89	ng		100
79) Butylbenzylphthalate	13.84	149	605339	48.38	ng		88
80) Benzo(a)anthracene	14.49	228	1054519	44.69	ng		98
81) 3,3'-Dichlorobenzidine	14.46	252	195793	23.22	ng	#	97
82) Chrysene	14.53	228	937917	42.84	ng		99
83) Bis(2-ethylhexyl)phthalate	14.55	149	845281	49.52	ng	#	98
84) Di-n-octyl phthalate	15.31	149	1408813	49.40	ng		98
85) Indeno(1,2,3-cd)pyrene	17.41	276	825639	43.54	ng		99
87) Benzo(b)fluoranthene	15.72	252	882778	45.27	ng		99
88) Benzo(k)fluoranthene	15.75	252	875939	45.91	ng		96
89) Benzo(a)pyrene	16.07	252	822389	45.79	ng		100
90) Dibenzo(a,h)anthracene	17.43	278	676434	44.48	ng		98
91) Benzo(g,h,i)perylene	17.79	276	688698	44.93	ng		97

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

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