Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094220.D
Acq On : 6 Apr 2017 11:29
Operator : SJ/MA
Sample : PB98067BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB98067BS

Manual Integrations APPROVED
mohammad
4/7/2017 5:20:32 PM

Quant Time: Apr 06 13:29:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	163489	20.00	ng		0.00
21) Naphthalene-d8	7.36	136	659910	20.00	ng		0.00
38) Acenaphthene-d10	9.50	164	312923	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	565695	20.00	ng		0.00
75) Chrysene-d12	14.57	240	451807	20.00	ng		0.00
86) Perylene-d12	16.19	264	314075	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.40	112	1201662	124.14	ng		0.01
7) Phenol-d6	5.47	99	1527198	127.54	ng		0.00
23) Nitrobenzene-d5	6.50	82	942391	81.50	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	352696	142.63	ng		0.00
44) 2-Fluorobiphenyl	8.68	172	1769533	86.25	ng		0.00
78) Terphenyl-d14	13.30	244	1568927	77.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	161797	34.79	ng		96
3) Pyridine	2.74	79	481484	37.99	ng		97
4) n-Nitrosodimethylamine	2.70	42	213705	40.98	ng		90
6) Aniline	5.48	93	295787	17.76	ng	#	1
8) 2-Chlorophenol	5.62	128	475071	44.65	ng		95
9) Benzaldehyde	5.35	77	153698	19.01	ng		98
10) Phenol	5.48	94	553073	40.59	ng		98
11) bis(2-Chloroethyl)ether	5.56	93	436740	41.01	ng		98
12) 1,3-Dichlorobenzene	5.79	146	494164	41.41	ng		99
13) 1,4-Dichlorobenzene	5.87	146	508451	42.06	ng		97
14) 1,2-Dichlorobenzene	6.05	146	475661	42.73	ng		96
15) Benzyl Alcohol	6.02	79	388806	44.36	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.19	45	618842	37.71	ng		98
17) 2-Methylphenol	6.17	107	401109	44.02	ng		96
18) Hexachloroethane	6.44	117	176569	41.56	ng	#	84
19) n-Nitroso-di-n-propylamine	6.34	70	326550	42.43	ng		98
20) 3+4-Methylphenols	6.35	107	518006	46.94	ng	#	63
22) Acetophenone	6.33	105	653200	44.41	ng	#	88
24) Nitrobenzene	6.53	77	484031	42.44	ng		93
25) Isophorone	6.82	82	871520	42.89	ng		95
26) 2-Nitrophenol	6.90	139	268351	49.34	ng		99
27) 2,4-Dimethylphenol	6.97	122	441727	47.14	ng		97
28) bis(2-Chloroethoxy)methane	7.07	93	561228	41.89	ng		99
29) 2,4-Dichlorophenol	7.20	162	412983	47.13	ng		98
30) 1,2,4-Trichlorobenzene	7.29	180	395650	43.84	ng		99
31) Naphthalene	7.38	128	1348211	42.49	ng		100
32) Benzoic acid	7.14	122	285195	45.72	ng		95
33) 4-Chloroaniline	7.45	127	164556	12.80	ng	#	92
34) Hexachlorobutadiene	7.54	225	199311	43.07	ng		98
35) Caprolactam	7.90	113	142465m	50.99	ng		
36) 4-Chloro-3-methylphenol	8.07	107	447887	48.92	ng		90
37) 2-Methylnaphthalene	8.23	142	945551	44.70	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.43	216	344088	40.20	ng		99
40) Hexachlorocyclopentadiene	8.42	237	337121	84.16	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	284040	46.90	ng		95
43) 2,4,5-Trichlorophenol	8.63	196	291080	44.42	ng		93
45) 1,1'-Biphenyl	8.80	154	1053377	41.73	ng		97
46) 2-Chloronaphthalene	8.82	162	846150	42.83	ng		96
47) 2-Nitroaniline	8.95	65	265706	45.33	ng	#	82
48) Acenaphthylene	9.33	152	1353726	41.23	ng		99
49) Dimethylphthalate	9.19	163	1027795	46.21	ng		99
50) 2,6-Dinitrotoluene	9.26	165	236798	46.44	ng		92
51) Acenaphthene	9.54	154	807853	42.16	ng		99
52) 3-Nitroaniline	9.45	138	126263	21.09	ng		92
53) 2,4-Dinitrophenol	9.60	184	235761	86.03	ng	#	63
54) Dibenzofuran	9.76	168	1166405	44.72	ng		99
55) 4-Nitrophenol	9.70	139	378541	80.73	ng	#	66
56) 2,4-Dinitrotoluene	9.75	165	287850	44.94	ng	#	64
57) Fluorene	10.17	166	908903	42.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	224247	49.87	ng		97
59) Diethylphthalate	10.06	149	998589	45.42	ng		99
60) 4-Chlorophenyl-phenylether	10.18	204	389901	42.31	ng		93
61) 4-Nitroaniline	10.22	138	260113	45.27	ng		96
62) Azobenzene	10.37	77	974067	46.84	ng		96
64) 4,6-Dinitro-2-methylphenol	10.26	198	164537	47.49	ng	#	75
65) n-Nitrosodiphenylamine	10.33	169	860315	43.98	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	245812	44.18	ng		99
67) Hexachlorobenzene	10.85	284	249215	44.25	ng	#	86
68) Atrazine	11.00	200	232149	39.62	ng		95
69) Pentachlorophenol	11.10	266	270204	77.08	ng		99
70) Phenanthrene	11.35	178	1355107	43.06	ng		99
71) Anthracene	11.42	178	1397534	43.13	ng		99
72) Carbazole	11.62	167	1336538	40.23	ng		98
73) Di-n-butylphthalate	12.07	149	1604854	46.45	ng		100
74) Fluoranthene	12.82	202	1413807	43.88	ng		99
76) Benzidine	12.98	184	203184	11.36	ng	#	93
77) Pyrene	13.09	202	1435773	43.79	ng		99
79) Butylbenzylphthalate	13.91	149	686134	49.11	ng		89
80) Benzo(a)anthracene	14.56	228	1176955	44.67	ng		98
81) 3,3'-Dichlorobenzidine	14.53	252	242633	25.77	ng	#	96
82) Chrysene	14.60	228	1031351	42.18	ng		99
83) Bis(2-ethylhexyl)phthalate	14.62	149	932612	48.93	ng	#	99
84) Di-n-octyl phthalate	15.37	149	1531533	48.10	ng		97
85) Indeno(1,2,3-cd)pyrene	17.52	276	772785	36.50	ng		99
87) Benzo(b)fluoranthene	15.79	252	893386	46.41	ng		98
88) Benzo(k)fluoranthene	15.82	252	875452	46.48	ng		97
89) Benzo(a)pyrene	16.14	252	795933	44.90	ng		100
90) Dibenzo(a,h)anthracene	17.54	278	639400	42.59	ng		99
91) Benzo(g,h,i)perylene	17.91	276	652171	43.10	ng		98

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

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