Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
Data File : BF094354.D
Acq On : 11 Apr 2017 17:07
Operator : SJ/MA
Sample : PB98184BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB98184BS

Manual Integrations APPROVED
mohammad
4/12/2017 5:11:42 PM

Quant Time: Apr 12 01:10:56 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	5.83	152	151145	20.00	ng		-0.03
21) Naphthalene-d8	7.33	136	605860	20.00	ng		-0.04
38) Acenaphthene-d10	9.47	164	277960	20.00	ng		-0.03
63) Phenanthrene-d10	11.29	188	493510	20.00	ng		-0.03
75) Chrysene-d12	14.55	240	376311	20.00	ng		-0.02
86) Perylene-d12	16.17	264	269183	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.39	112	1063673	118.86	ng		0.00
7) Phenol-d6	5.46	99	1327275	119.89	ng		0.00
23) Nitrobenzene-d5	6.48	82	826429	77.85	ng		-0.03
41) 2,4,6-Tribromophenol	10.45	330	275767	125.55	ng		-0.02
44) 2-Fluorobiphenyl	8.66	172	1549086	85.00	ng		-0.03
78) Terphenyl-d14	13.27	244	1301408	77.52	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	150473	35.00	ng		97
3) Pyridine	2.71	79	453067	38.67	ng		99
4) n-Nitrosodimethylamine	2.67	42	195351	40.52	ng		89
6) Aniline	5.45	93	223503	14.51	ng	#	78
8) 2-Chlorophenol	5.60	128	429369	43.65	ng		98
9) Benzaldehyde	5.32	77	143905	19.25	ng		99
10) Phenol	5.47	94	513274	40.74	ng		91
11) bis(2-Chloroethyl)ether	5.54	93	407429	41.38	ng		96
12) 1,3-Dichlorobenzene	5.76	146	458998	41.60	ng		99
13) 1,4-Dichlorobenzene	5.85	146	466325	41.73	ng		97
14) 1,2-Dichlorobenzene	6.02	146	427570	41.55	ng		96
15) Benzyl Alcohol	6.00	79	325028	40.11	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.16	45	527589	34.78	ng	#	18
17) 2-Methylphenol	6.16	107	347935	41.30	ng	#	90
18) Hexachloroethane	6.41	117	161935	41.23	ng	#	84
19) n-Nitroso-di-n-propylamine	6.32	70	302912	42.57	ng		95
20) 3+4-Methylphenols	6.34	107	488498	47.88	ng	#	63
22) Acetophenone	6.30	105	602294	44.60	ng	#	87
24) Nitrobenzene	6.50	77	431835	41.24	ng		94
25) Isophorone	6.79	82	776329	41.62	ng		96
26) 2-Nitrophenol	6.87	139	245880	49.24	ng		97
27) 2,4-Dimethylphenol	6.96	122	394407	45.84	ng		99
28) bis(2-Chloroethoxy)methane	7.05	93	502071	40.81	ng		99
29) 2,4-Dichlorophenol	7.19	162	371858	46.23	ng		99
30) 1,2,4-Trichlorobenzene	7.26	180	356786	43.06	ng		99
31) Naphthalene	7.36	128	1214706	41.70	ng		99
32) Benzoic acid	7.12	122	166820	29.13	ng		96
33) 4-Chloroaniline	7.43	127	117994	9.99	ng	#	92
34) Hexachlorobutadiene	7.51	225	182431	42.94	ng		97
35) Caprolactam	7.87	113	119030m	46.40	ng		
36) 4-Chloro-3-methylphenol	8.06	107	389622	46.35	ng		88
37) 2-Methylnaphthalene	8.20	142	855837	44.07	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.40	216	315397	41.48	ng		99
40) Hexachlorocyclopentadiene	8.39	237	298127	83.78	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.56	196	244661	45.48	ng		96
43) 2,4,5-Trichlorophenol	8.62	196	249556	42.87	ng	#	91
45) 1,1'-Biphenyl	8.77	154	951145	42.42	ng		98
46) 2-Chloronaphthalene	8.79	162	744941	42.45	ng		95
47) 2-Nitroaniline	8.93	65	224402	43.10	ng	#	79
48) Acenaphthylene	9.30	152	1188369	40.74	ng		99
49) Dimethylphthalate	9.17	163	895636	45.33	ng		98
50) 2,6-Dinitrotoluene	9.23	165	206311	45.55	ng		98
51) Acenaphthene	9.51	154	712794	41.88	ng		100
52) 3-Nitroaniline	9.43	138	84773	15.94	ng		92
53) 2,4-Dinitrophenol	9.57	184	133799	56.65	ng	#	68
54) Dibenzofuran	9.73	168	1016132	43.86	ng		100
55) 4-Nitrophenol	9.70	139	389226	93.45	ng	#	81
56) 2,4-Dinitrotoluene	9.73	165	245093	43.08	ng	#	70
57) Fluorene	10.15	166	787213	40.97	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.89	232	181452	45.43	ng		98
59) Diethylphthalate	10.03	149	852678	43.66	ng		99
60) 4-Chlorophenyl-phenylether	10.15	204	339862	41.52	ng		95
61) 4-Nitroaniline	10.19	138	215037	42.13	ng		94
62) Azobenzene	10.35	77	833309	45.11	ng		94
64) 4,6-Dinitro-2-methylphenol	10.23	198	111355	36.84	ng	#	70
65) n-Nitrosodiphenylamine	10.30	169	741281	43.43	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	211732	43.62	ng		94
67) Hexachlorobenzene	10.82	284	210360	42.81	ng	#	84
68) Atrazine	10.98	200	215223	42.10	ng		98
69) Pentachlorophenol	11.08	266	184913	60.46	ng		97
70) Phenanthrene	11.33	178	1165357	42.45	ng		98
71) Anthracene	11.39	178	1216015	43.02	ng		99
72) Carbazole	11.60	167	1139980	39.33	ng		98
73) Di-n-butylphthalate	12.04	149	1335110	44.29	ng		99
74) Fluoranthene	12.79	202	1221218	43.44	ng		99
76) Benzidine	12.96	184	315787	21.20	ng	#	92
77) Pyrene	13.06	202	1214884	44.48	ng		99
79) Butylbenzylphthalate	13.88	149	568600	48.86	ng	#	82
80) Benzo(a)anthracene	14.53	228	959262	43.71	ng		99
81) 3,3'-Dichlorobenzidine	14.51	252	130942	16.69	ng	#	93
82) Chrysene	14.58	228	847157	41.60	ng		99
83) Bis(2-ethylhexyl)phthalate	14.60	149	763351	48.08	ng	#	100
84) Di-n-octyl phthalate	15.35	149	1185352	44.69	ng		97
85) Indeno(1,2,3-cd)pyrene	17.49	276	710592	40.29	ng		100
87) Benzo(b)fluoranthene	15.77	252	774046	46.91	ng		98
88) Benzo(k)fluoranthene	15.80	252	661264m	40.96	ng		
89) Benzo(a)pyrene	16.12	252	665511	43.80	ng		99
90) Dibenzo(a,h)anthracene	17.51	278	587498	45.66	ng		98
91) Benzo(g,h,i)perylene	17.87	276	609032	46.96	ng		99

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

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