Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
Data File : BF094668.D
Acq On : 27 Apr 2017 17:25
Operator : SJ/MA
Sample : PB98520BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB98520BS

Manual Integrations APPROVED
mohammad
4/28/2017 3:00:37 PM

Quant Time: Apr 28 04:27:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	113606	20.00	ng		0.00
21) Naphthalene-d8	7.27	136	468162	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	221190	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	397266	20.00	ng		0.00
75) Chrysene-d12	14.48	240	313337	20.00	ng		0.00
86) Perylene-d12	16.10	264	223577	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.34	112	855362	124.91	ng		0.03
7) Phenol-d6	5.41	99	1032842	127.94	ng		0.01
23) Nitrobenzene-d5	6.42	82	648157	85.49	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	233084	134.72	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	1235957	82.21	ng		0.00
78) Terphenyl-d14	13.20	244	1109065	94.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	103435	25.97	ng		99
3) Pyridine	2.70	79	294635	33.85	ng		97
4) n-Nitrosodimethylamine	2.64	42	136397	37.87	ng		88
6) Aniline	5.41	93	325927	30.38	ng	#	45
8) 2-Chlorophenol	5.55	128	327782	42.07	ng		97
9) Benzaldehyde	5.28	77	82149	13.38	ng		96
10) Phenol	5.42	94	396625	39.99	ng		100
11) bis(2-Chloroethyl)ether	5.49	93	293165	40.47	ng		96
12) 1,3-Dichlorobenzene	5.71	146	347133	40.21	ng		98
13) 1,4-Dichlorobenzene	5.80	146	351665	40.49	ng		96
14) 1,2-Dichlorobenzene	5.97	146	328033	41.00	ng		95
15) Benzyl Alcohol	5.95	79	251016	41.92	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.11	45	393198	41.40	ng		86
17) 2-Methylphenol	6.10	107	259355	42.26	ng		95
18) Hexachloroethane	6.35	117	120273	40.39	ng	#	87
19) n-Nitroso-di-n-propylamine	6.27	70	223010	41.69	ng		95
20) 3+4-Methylphenols	6.28	107	366931	44.00	ng	#	63
22) Acetophenone	6.25	105	454939	39.97	ng	#	85
24) Nitrobenzene	6.45	77	322706	40.42	ng		95
25) Isophorone	6.74	82	589733	41.96	ng	#	94
26) 2-Nitrophenol	6.82	139	184221	42.95	ng		96
27) 2,4-Dimethylphenol	6.90	122	292947	42.04	ng		98
28) bis(2-Chloroethoxy)methane	7.00	93	382888	42.12	ng		99
29) 2,4-Dichlorophenol	7.12	162	281234	43.39	ng		98
30) 1,2,4-Trichlorobenzene	7.20	180	273280	40.78	ng		98
31) Naphthalene	7.30	128	920657	40.91	ng		99
32) Benzoic acid	7.08	122	144848	39.31	ng		95
33) 4-Chloroaniline	7.37	127	104361	11.15	ng	#	93
34) Hexachlorobutadiene	7.45	225	137704	41.22	ng		98
35) Caprolactam	7.84	113	88949m	43.68	ng		
36) 4-Chloro-3-methylphenol	8.00	107	301290	44.36	ng		89
37) 2-Methylnaphthalene	8.13	142	649596	42.19	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	253122	40.19	ng		99
40) Hexachlorocyclopentadiene	8.32	237	216416	84.94	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	187897	42.48	ng		96
43) 2,4,5-Trichlorophenol	8.55	196	200094	44.05	ng	#	91
45) 1,1'-Biphenyl	8.71	154	747573	41.37	ng		98
46) 2-Chloronaphthalene	8.72	162	592354	41.22	ng		95
47) 2-Nitroaniline	8.87	65	168149	40.68	ng	#	84
48) Acenaphthylene	9.23	152	937181	41.84	ng		99
49) Dimethylphthalate	9.11	163	734351	44.55	ng		99
50) 2,6-Dinitrotoluene	9.17	165	162289	43.86	ng		92
51) Acenaphthene	9.44	154	564264	42.06	ng		99
52) 3-Nitroaniline	9.38	138	76987	17.98	ng		85
53) 2,4-Dinitrophenol	9.52	184	128211	65.02	ng	#	65
54) Dibenzofuran	9.66	168	835441	42.84	ng		99
55) 4-Nitrophenol	9.64	139	185821m	61.44	ng		
56) 2,4-Dinitrotoluene	9.67	165	215160	47.39	ng	#	88
57) Fluorene	10.08	166	639216	42.09	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	145059	44.55	ng	#	95
59) Diethylphthalate	9.97	149	684946	44.04	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	278199	44.02	ng		94
61) 4-Nitroaniline	10.14	138	149136	34.27	ng		95
62) Azobenzene	10.28	77	662809	43.89	ng		92
64) 4,6-Dinitro-2-methylphenol	10.18	198	95583	36.72	ng	#	69
65) n-Nitrosodiphenylamine	10.24	169	595432	43.10	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	174423	44.22	ng		97
67) Hexachlorobenzene	10.76	284	174409	43.87	ng		95
68) Atrazine	10.91	200	183592	44.42	ng		96
69) Pentachlorophenol	11.01	266	147381	93.37	ng		99
70) Phenanthrene	11.25	178	939292	41.99	ng		99
71) Anthracene	11.32	178	987438	42.67	ng		99
72) Carbazole	11.53	167	906785	41.75	ng		98
73) Di-n-butylphthalate	11.97	149	1110097	46.42	ng		99
74) Fluoranthene	12.72	202	969989	41.84	ng		98
76) Benzidine	12.89	184	405943	32.00	ng	#	93
77) Pyrene	12.99	202	976601	44.61	ng		99
79) Butylbenzylphthalate	13.81	149	471127	49.11	ng		91
80) Benzo(a)anthracene	14.47	228	774935	42.55	ng		98
81) 3,3'-Dichlorobenzidine	14.44	252	166452	25.82	ng	#	97
82) Chrysene	14.51	228	698989	42.00	ng		98
83) Bis(2-ethylhexyl)phthalate	14.52	149	649238	50.40	ng	#	99
84) Di-n-octyl phthalate	15.28	149	1057010	48.92	ng		96
85) Indeno(1,2,3-cd)pyrene	17.39	276	576777	36.42	ng		99
87) Benzo(b)fluoranthene	15.70	252	596287	43.60	ng		99
88) Benzo(k)fluoranthene	15.73	252	594720	45.95	ng	#	96
89) Benzo(a)pyrene	16.05	252	547838	43.06	ng		99
90) Dibenzo(a,h)anthracene	17.40	278	479953	45.43	ng		98
91) Benzo(g,h,i)perylene	17.77	276	486489	45.23	ng		99

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

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