Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075517.D
Acq On : 15 Nov 2014 2:13
Operator : TP / JJ
Sample : PB80280BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB80280BS

Manual Integrations APPROVED
mohammad
11/17/2014 7:35:36 PM

Quant Time: Nov 17 11:21:47 2014
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 18:46:55 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	52208	20.00	ng		-0.02
21) Naphthalene-d8	9.13	136	223356	20.00	ng		-0.02
38) Acenaphthene-d10	11.32	164	113788	20.00	ng		-0.02
63) Phenanthrene-d10	13.16	188	189481	20.00	ng		-0.03
75) Chrysene-d12	16.45	240	193053	20.00	ng		-0.09
86) Perylene-d12	18.19	264	194258	20.00	ng		-0.25
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	448141	151.64	ng		-0.02
7) Phenol-d6	7.10	99	568920	160.09	ng		-0.01
23) Nitrobenzene-d5	8.24	82	310625	101.96	ng		-0.02
41) 2,4,6-Tribromophenol	12.30	330	135488	142.16	ng		-0.02
44) 2-Fluorobiphenyl	10.48	172	613819	97.48	ng		-0.01
78) Terphenyl-d14	15.16	244	657833m	91.74	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	49757	40.11	ng		95
3) Pyridine	3.28	79	115720m	34.71	ng		
4) n-Nitrosodimethylamine	3.19	42	81050m	45.93	ng		
6) Aniline	7.13	93	145567	28.36	ng		98
8) 2-Chlorophenol	7.28	128	154828	45.27	ng		94
9) Benzaldehyde	7.00	77	9926	4.15	ng		99
10) Phenol	7.11	94	216286	49.89	ng		88
11) bis(2-Chloroethyl)ether	7.24	93	162629	49.53	ng	#	82
12) 1,3-Dichlorobenzene	7.48	146	161055	43.21	ng		98
13) 1,4-Dichlorobenzene	7.57	146	165171	43.56	ng		98
14) 1,2-Dichlorobenzene	7.76	146	154377	43.42	ng	#	92
15) Benzyl Alcohol	7.73	79	125701	45.06	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.91	45	315080	46.35	ng		94
17) 2-Methylphenol	7.86	107	127853	45.15	ng		98
18) Hexachloroethane	8.17	117	58218	44.77	ng		96
19) n-Nitroso-di-n-propylamine	8.06	70	110372	45.58	ng		98
20) 3+4-Methylphenols	8.06	107	165049	44.52	ng		88
22) Acetophenone	8.06	105	222933	46.27	ng		96
24) Nitrobenzene	8.26	77	173903	49.26	ng		99
25) Isophorone	8.56	82	320221	46.04	ng		99
26) 2-Nitrophenol	8.65	139	74733	46.45	ng		96
27) 2,4-Dimethylphenol	8.71	122	146119	46.86	ng		98
28) bis(2-Chloroethoxy)methane	8.84	93	203299	47.96	ng		99
29) 2,4-Dichlorophenol	8.95	162	121979	44.66	ng		95
30) 1,2,4-Trichlorobenzene	9.06	180	123949	43.21	ng		98
31) Naphthalene	9.16	128	472173	47.42	ng		100
32) Benzoic acid	8.80	122	98310m	52.19	ng		
33) 4-Chloroaniline	9.22	127	104808	24.22	ng		99
34) Hexachlorobutadiene	9.32	225	64754	41.78	ng		97
35) Caprolactam	9.65	113	43554	48.11	ng	#	69
36) 4-Chloro-3-methylphenol	9.82	107	134628	44.92	ng		92
37) 2-Methylnaphthalene	10.01	142	308291	45.38	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	113344	48.46	ng		98
40) Hexachlorocyclopentadiene	10.21	237	127085	89.44	ng		95

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Quant Time: Nov 17 11:21:47 2014
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 18:46:55 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.37	196	81719	43.93	ng		98
43) 2,4,5-Trichlorophenol	10.41	196	85321	44.04	ng		97
45) 1,1'-Biphenyl	10.60	154	360464	46.96	ng		99
46) 2-Chloronaphthalene	10.62	162	289867	48.30	ng		97
47) 2-Nitroaniline	10.74	65	92790	51.39	ng	#	86
48) Acenaphthylene	11.13	152	476465	48.15	ng		99
49) Dimethylphthalate	10.98	163	358768	46.12	ng		99
50) 2,6-Dinitrotoluene	11.05	165	72632	47.41	ng		86
51) Acenaphthene	11.35	154	316829	53.04	ng		97
52) 3-Nitroaniline	11.26	138	74014	40.97	ng	#	85
53) 2,4-Dinitrophenol	11.38	184	70592	81.54	ng		87
54) Dibenzofuran	11.57	168	409982	48.03	ng		93
55) 4-Nitrophenol	11.45	139	145284	100.60	ng		94
56) 2,4-Dinitrotoluene	11.56	165	101073	50.21	ng		91
57) Fluorene	11.99	166	333706	48.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	73233	47.63	ng		95
59) Diethylphthalate	11.86	149	348676	43.20	ng		96
60) 4-Chlorophenyl-phenylether	12.00	204	138568	46.68	ng	#	86
61) 4-Nitroaniline	12.01	138	86902	48.12	ng		83
62) Azobenzene	12.20	77	332196	46.78	ng		90
64) 4,6-Dinitro-2-methylphenol	12.05	198	45351	47.32	ng	#	48
65) n-Nitrosodiphenylamine	12.14	169	271543	45.31	ng		100
66) 4-Bromophenyl-phenylether	12.61	248	87421	49.04	ng	#	89
67) Hexachlorobenzene	12.68	284	95828	47.34	ng	#	83
68) Atrazine	12.81	200	68686	36.93	ng		97
69) Pentachlorophenol	12.92	266	118565	93.31	ng		99
70) Phenanthrene	13.19	178	500921	50.23	ng		99
71) Anthracene	13.26	178	512995	49.77	ng		98
72) Carbazole	13.45	167	480481	47.64	ng		98
73) Di-n-butylphthalate	13.90	149	596571	42.82	ng		100
74) Fluoranthene	14.67	202	518222	48.52	ng		97
76) Benzidine	14.84	184	60494m	9.85	ng		
77) Pyrene	14.95	202	550849m	49.08	ng		
79) Butylbenzylphthalate	15.76	149	267526	42.44	ng	#	82
80) Benzo(a)anthracene	16.44	228	504612	49.76	ng		99
81) 3,3'-Dichlorobenzidine	16.41	252	149958	40.05	ng	#	91
82) Chrysene	16.48	228	451643	51.49	ng		98
83) Bis(2-ethylhexyl)phthalate	16.48	149	392890	39.57	ng		100
84) Di-n-octyl phthalate	17.26	149	685212m	39.20	ng		
85) Indeno(1,2,3-cd)pyrene	19.75	276	593137m	55.74	ng		
87) Benzo(b)fluoranthene	17.73	252	504969	48.62	ng	#	96
88) Benzo(k)fluoranthene	17.76	252	525196m	56.35	ng		
89) Benzo(a)pyrene	18.12	252	496623	53.44	ng		97
90) Dibenzo(a,h)anthracene	19.77	278	523499	53.94	ng	#	96
91) Benzo(g,h,i)perylene	20.21	276	523362	56.60	ng		98

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

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