Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075525.D
Acq On : 15 Nov 2014 7:22
Operator : TP / JJ
Sample : PB80209BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB80209BS

Manual Integrations APPROVED
mohammad
11/17/2014 7:36:06 PM

Quant Time: Nov 16 02:50:43 2014
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 16 02:30:12 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	48784	20.00	ng		0.00
21) Naphthalene-d8	9.13	136	211552	20.00	ng		0.00
38) Acenaphthene-d10	11.32	164	105332	20.00	ng		0.00
63) Phenanthrene-d10	13.16	188	177454	20.00	ng		0.00
75) Chrysene-d12	16.47	240	194819	20.00	ng		0.01
86) Perylene-d12	18.27	264	196222	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	428814	155.29	ng		0.01
7) Phenol-d6	7.10	99	529038	159.31	ng		0.01
23) Nitrobenzene-d5	8.24	82	294655	102.12	ng		0.00
41) 2,4,6-Tribromophenol	12.30	330	123807	140.33	ng		0.00
44) 2-Fluorobiphenyl	10.48	172	562803	96.55	ng		0.00
78) Terphenyl-d14	15.16	244	614386	84.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	43874	37.85	ng		97
3) Pyridine	3.27	79	126452m	40.60	ng		
4) n-Nitrosodimethylamine	3.19	42	64065	38.85	ng	#	78
6) Aniline	7.13	93	128358	26.76	ng		100
8) 2-Chlorophenol	7.28	128	136085	42.58	ng		95
9) Benzaldehyde	7.00	77	4835	2.16	ng		96
10) Phenol	7.11	94	191550	47.29	ng		85
11) bis(2-Chloroethyl)ether	7.24	93	139098	45.33	ng	#	82
12) 1,3-Dichlorobenzene	7.48	146	150229	43.13	ng		96
13) 1,4-Dichlorobenzene	7.57	146	144848	40.88	ng		99
14) 1,2-Dichlorobenzene	7.76	146	138880	41.80	ng	#	92
15) Benzyl Alcohol	7.73	79	108351	41.56	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.91	45	270129	42.53	ng		92
17) 2-Methylphenol	7.86	107	114738	43.36	ng		98
18) Hexachloroethane	8.17	117	50241	41.35	ng		93
19) n-Nitroso-di-n-propylamine	8.06	70	98768	43.65	ng		94
20) 3+4-Methylphenols	8.05	107	146734	42.35	ng	#	86
22) Acetophenone	8.06	105	193253	42.35	ng		97
24) Nitrobenzene	8.26	77	152948	45.74	ng		98
25) Isophorone	8.56	82	270486	41.06	ng		99
26) 2-Nitrophenol	8.65	139	63884	41.93	ng		94
27) 2,4-Dimethylphenol	8.71	122	119892	40.60	ng		97
28) bis(2-Chloroethoxy)methane	8.84	93	175075	43.61	ng		97
29) 2,4-Dichlorophenol	8.95	162	108536	41.95	ng		97
30) 1,2,4-Trichlorobenzene	9.06	180	107297	39.50	ng		99
31) Naphthalene	9.16	128	422041	44.75	ng		100
32) Benzoic acid	8.80	122	81659	45.77	ng		96
33) 4-Chloroaniline	9.22	127	96193	23.47	ng		98
34) Hexachlorobutadiene	9.32	225	54481	37.11	ng		94
35) Caprolactam	9.64	113	36303	42.34	ng		95
36) 4-Chloro-3-methylphenol	9.82	107	118295	41.67	ng		94
37) 2-Methylnaphthalene	10.01	142	267040	41.50	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	97178	44.88	ng		99
40) Hexachlorocyclopentadiene	10.21	237	122102	92.83	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.37	196	69678	40.47	ng		98
43) 2,4,5-Trichlorophenol	10.40	196	76367	42.59	ng	#	80
45) 1,1'-Biphenyl	10.60	154	321526	45.25	ng		100
46) 2-Chloronaphthalene	10.62	162	253133	45.57	ng		97
47) 2-Nitroaniline	10.74	65	83061	49.69	ng	#	88
48) Acenaphthylene	11.13	152	432051	47.17	ng		98
49) Dimethylphthalate	10.98	163	300108	41.68	ng		99
50) 2,6-Dinitrotoluene	11.05	165	65224	45.99	ng	#	79
51) Acenaphthene	11.35	154	273897	49.54	ng		98
52) 3-Nitroaniline	11.26	138	60038	35.90	ng	#	82
53) 2,4-Dinitrophenol	11.38	184	56604	73.76	ng		85
54) Dibenzofuran	11.57	168	356189	45.08	ng		93
55) 4-Nitrophenol	11.45	139	126306	94.48	ng		92
56) 2,4-Dinitrotoluene	11.56	165	89715	48.15	ng		91
57) Fluorene	11.99	166	293874	45.99	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.72	232	65909	46.30	ng	#	93
59) Diethylphthalate	11.86	149	289637	38.76	ng		95
60) 4-Chlorophenyl-phenylether	12.00	204	126453	46.02	ng	#	84
61) 4-Nitroaniline	12.01	138	79202	47.38	ng		83
62) Azobenzene	12.20	77	280799	42.72	ng		89
64) 4,6-Dinitro-2-methylphenol	12.05	198	37521	41.80	ng	#	53
65) n-Nitrosodiphenylamine	12.14	169	239235	42.62	ng		99
66) 4-Bromophenyl-phenylether	12.61	248	73737	44.17	ng	#	88
67) Hexachlorobenzene	12.68	284	83037	43.80	ng	#	81
68) Atrazine	12.81	200	73093	41.96	ng		97
69) Pentachlorophenol	12.92	266	101230	85.07	ng		97
70) Phenanthrene	13.19	178	440777	47.20	ng		99
71) Anthracene	13.26	178	442404	45.83	ng		99
72) Carbazole	13.45	167	436420	46.20	ng		99
73) Di-n-butylphthalate	13.90	149	504543	38.67	ng		100
74) Fluoranthene	14.67	202	451392	45.13	ng		97
76) Benzidine	14.84	184	246562	39.80	ng		97
77) Pyrene	14.95	202	483189	42.66	ng		100
79) Butylbenzylphthalate	15.77	149	221748	34.86	ng		94
80) Benzo(a)anthracene	16.46	228	461843	45.13	ng		100
81) 3,3'-Dichlorobenzidine	16.43	252	83117	21.99	ng	#	96
82) Chrysene	16.51	228	420276	47.48	ng		99
83) Bis(2-ethylhexyl)phthalate	16.49	149	308932	30.83	ng	#	98
84) Di-n-octyl phthalate	17.32	149	559864	31.74	ng		98
85) Indeno(1,2,3-cd)pyrene	19.83	276	518226m	48.26	ng		
87) Benzo(b)fluoranthene	17.80	252	494780	47.16	ng		99
88) Benzo(k)fluoranthene	17.83	252	393122	41.75	ng		98
89) Benzo(a)pyrene	18.20	252	430972	45.91	ng		98
90) Dibenzo(a,h)anthracene	19.87	278	447724	45.67	ng	#	94
91) Benzo(g,h,i)perylene	20.30	276	436094	46.69	ng		96

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

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