Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
Data File : BF094928.D
Acq On : 5 May 2017 21:14
Operator : SJ/MA
Sample : PB98725BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98725BS

Manual Integrations APPROVED
mohammad
5/8/2017 2:47:56 PM

Quant Time: May 05 23:58:22 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	102000	20.00	ng		0.00
21) Naphthalene-d8	9.74	136	385857	20.00	ng		-0.01
38) Acenaphthene-d10	12.57	164	171956	20.00	ng		-0.01
63) Phenanthrene-d10	14.97	188	334042	20.00	ng		-0.01
75) Chrysene-d12	18.64	240	263571	20.00	ng		-0.01
86) Perylene-d12	20.30	264	194913	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	713575	116.64	ng		0.00
7) Phenol-d6	7.27	99	887063	120.84	ng		0.00
23) Nitrobenzene-d5	8.62	82	526155	85.99	ng		-0.01
41) 2,4,6-Tribromophenol	13.87	330	198098	140.67	ng		-0.01
44) 2-Fluorobiphenyl	11.52	172	1081970	90.57	ng		-0.01
78) Terphenyl-d14	17.30	244	884801	73.94	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	97163	32.38	ng		95
3) Pyridine	2.84	79	220678	31.73	ng		96
4) n-Nitrosodimethylamine	2.76	42	113522	39.16	ng		85
6) Aniline	7.23	93	272926	29.45	ng		95
8) 2-Chlorophenol	7.42	128	293112	42.09	ng		94
9) Benzaldehyde	7.05	77	36236	8.08	ng		90
10) Phenol	7.29	94	318824	41.22	ng		90
11) bis(2-Chloroethyl)ether	7.37	93	257165	40.27	ng		94
12) 1,3-Dichlorobenzene	7.63	146	314542	39.82	ng		97
13) 1,4-Dichlorobenzene	7.75	146	326635	40.77	ng		98
14) 1,2-Dichlorobenzene	7.99	146	310078	41.47	ng		95
15) Benzyl Alcohol	8.01	79	227867	48.26	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	345396	38.21	ng		52
17) 2-Methylphenol	8.22	107	239588	42.04	ng	#	89
18) Hexachloroethane	8.51	117	105589	38.91	ng		89
19) n-Nitroso-di-n-propylamine	8.44	70	202605	40.81	ng		93
20) 3+4-Methylphenols	8.48	107	316703	40.90	ng	#	61
22) Acetophenone	8.40	105	406522	43.91	ng	#	85
24) Nitrobenzene	8.65	77	277703	43.30	ng		94
25) Isophorone	9.05	82	514348	47.07	ng		95
26) 2-Nitrophenol	9.16	139	162813	47.04	ng		98
27) 2,4-Dimethylphenol	9.30	122	264925	47.35	ng		98
28) bis(2-Chloroethoxy)methane	9.42	93	331613	43.87	ng		99
29) 2,4-Dichlorophenol	9.58	162	227526	43.07	ng		99
30) 1,2,4-Trichlorobenzene	9.67	180	241786	42.72	ng		99
31) Naphthalene	9.78	128	810691	41.80	ng		100
32) Benzoic acid	9.61	122	153836	42.52	ng		97
33) 4-Chloroaniline	9.93	127	55402	7.67	ng	#	93
34) Hexachlorobutadiene	10.00	225	122758	41.10	ng		97
35) Caprolactam	10.54	113	76526m	48.24	ng		
36) 4-Chloro-3-methylphenol	10.77	107	257578	45.60	ng		88
37) 2-Methylnaphthalene	10.90	142	567176	44.56	ng		99
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	219578	41.52	ng		98
40) Hexachlorocyclopentadiene	11.16	237	203762	90.77	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	163988	46.45	ng		98
43) 2,4,5-Trichlorophenol	11.48	196	173671	45.77	ng	#	92
45) 1,1'-Biphenyl	11.67	154	620764	42.88	ng		97
46) 2-Chloronaphthalene	11.68	162	493172	42.19	ng		94
47) 2-Nitroaniline	11.89	65	140930	44.05	ng	#	85
48) Acenaphthylene	12.34	152	791397	43.22	ng		99
49) Dimethylphthalate	12.22	163	625142	44.28	ng		100
50) 2,6-Dinitrotoluene	12.31	165	127819	44.38	ng		96
51) Acenaphthene	12.62	154	478219	43.73	ng		98
52) 3-Nitroaniline	12.58	138	67070	21.70	ng	#	97
53) 2,4-Dinitrophenol	12.77	184	140753	88.05	ng	#	66
54) Dibenzofuran	12.91	168	753646	49.80	ng		100
55) 4-Nitrophenol	12.95	139	163872	88.27	ng	#	79
56) 2,4-Dinitrotoluene	12.97	165	184151	49.76	ng	#	91
57) Fluorene	13.47	166	602203	45.76	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	131000	54.85	ng	#	92
59) Diethylphthalate	13.37	149	592667	43.80	ng		99
60) 4-Chlorophenyl-phenylether	13.49	204	265198	45.85	ng		90
61) 4-Nitroaniline	13.58	138	129278	45.56	ng		96
62) Azobenzene	13.75	77	549515	50.54	ng		94
64) 4,6-Dinitro-2-methylphenol	13.64	198	99773	44.56	ng	#	66
65) n-Nitrosodiphenylamine	13.70	169	509014	41.99	ng		99
66) 4-Bromophenyl-phenylether	14.28	248	146479	41.51	ng		97
67) Hexachlorobenzene	14.36	284	152953	42.29	ng	#	84
68) Atrazine	14.62	200	153801	44.93	ng		98
69) Pentachlorophenol	14.71	266	136799	83.39	ng		98
70) Phenanthrene	15.01	178	847232	44.14	ng		98
71) Anthracene	15.09	178	853463	43.53	ng		98
72) Carbazole	15.38	167	786313	44.08	ng		97
73) Di-n-butylphthalate	15.95	149	959385	43.13	ng		98
74) Fluoranthene	16.75	202	794689	40.36	ng		99
76) Benzidine	16.97	184	152840	25.09	ng	#	94
77) Pyrene	17.05	202	813244	41.26	ng		99
79) Butylbenzylphthalate	17.96	149	402787	43.93	ng		90
80) Benzo(a)anthracene	18.63	228	677576	44.17	ng		99
81) 3,3'-Dichlorobenzidine	18.61	252	144525	27.28	ng	#	96
82) Chrysene	18.68	228	654515	44.13	ng		98
83) Bis(2-ethylhexyl)phthalate	18.71	149	567725	43.46	ng	#	99
84) Di-n-octyl phthalate	19.47	149	938177	43.80	ng		97
85) Indeno(1,2,3-cd)pyrene	21.59	276	513921	42.67	ng		99
87) Benzo(b)fluoranthene	19.90	252	570072	47.33	ng		98
88) Benzo(k)fluoranthene	19.93	252	569804	49.05	ng	#	95
89) Benzo(a)pyrene	20.25	252	528021	47.51	ng		98
90) Dibenzo(a,h)anthracene	21.60	278	426478	46.47	ng		97
91) Benzo(g,h,i)perylene	21.96	276	426742	47.38	ng		98

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

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