Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095008.D
Acq On : 9 May 2017 6:46
Operator : SJ/MA
Sample : PB98739BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98739BS

Manual Integrations APPROVED
mohammad
5/9/2017 5:03:07 PM

Quant Time: May 09 07:49:16 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	100559	20.00	ng		-0.01
21) Naphthalene-d8	9.74	136	372767	20.00	ng		-0.02
38) Acenaphthene-d10	12.56	164	170978	20.00	ng		-0.02
63) Phenanthrene-d10	14.97	188	277228	20.00	ng		-0.02
75) Chrysene-d12	18.64	240	206562	20.00	ng		-0.02
86) Perylene-d12	20.30	264	141576	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	746023	123.69	ng		0.00
7) Phenol-d6	7.27	99	899449	124.29	ng		-0.01
23) Nitrobenzene-d5	8.62	82	475987	80.52	ng		-0.02
41) 2,4,6-Tribromophenol	13.87	330	169094	120.76	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	1032058	86.88	ng		-0.02
78) Terphenyl-d14	17.29	244	732646	78.12	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	88369	29.87	ng		97
3) Pyridine	2.81	79	224289	32.72	ng		98
4) n-Nitrosodimethylamine	2.74	42	105408	36.89	ng		82
6) Aniline	7.22	93	226970	24.84	ng		95
8) 2-Chlorophenol	7.41	128	280429	40.85	ng		95
9) Benzaldehyde	7.05	77	36278	8.21	ng		99
10) Phenol	7.28	94	318752	41.80	ng		86
11) bis(2-Chloroethyl)ether	7.35	93	248149	39.42	ng		95
12) 1,3-Dichlorobenzene	7.62	146	304480	39.10	ng		98
13) 1,4-Dichlorobenzene	7.74	146	306297	38.78	ng		97
14) 1,2-Dichlorobenzene	7.98	146	261033	35.41	ng		96
15) Benzyl Alcohol	8.00	79	189763	40.77	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.21	45	292213	32.79	ng		50
17) 2-Methylphenol	8.21	107	204211	36.35	ng	#	90
18) Hexachloroethane	8.50	117	85354	31.90	ng	#	85
19) n-Nitroso-di-n-propylamine	8.42	70	175047	35.76	ng		93
20) 3+4-Methylphenols	8.47	107	278605	36.49	ng	#	59
22) Acetophenone	8.39	105	353951	39.58	ng	#	84
24) Nitrobenzene	8.65	77	248093	40.04	ng		94
25) Isophorone	9.04	82	444510	42.11	ng		95
26) 2-Nitrophenol	9.15	139	137744	41.20	ng		98
27) 2,4-Dimethylphenol	9.29	122	228461	42.26	ng		98
28) bis(2-Chloroethoxy)methane	9.41	93	291515	39.92	ng		99
29) 2,4-Dichlorophenol	9.57	162	221911	43.48	ng		98
30) 1,2,4-Trichlorobenzene	9.66	180	222652	40.72	ng		99
31) Naphthalene	9.77	128	749463	40.00	ng		100
32) Benzoic acid	9.60	122	120648	35.48	ng		90
33) 4-Chloroaniline	9.92	127	71037	10.17	ng	#	92
34) Hexachlorobutadiene	9.99	225	113340	39.28	ng		99
35) Caprolactam	10.52	113	70575m	46.05	ng		
36) 4-Chloro-3-methylphenol	10.77	107	232029	42.52	ng		91
37) 2-Methylnaphthalene	10.90	142	533386	43.38	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	213168	40.54	ng		98
40) Hexachlorocyclopentadiene	11.15	237	66795	33.99	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	155968	44.43	ng		96
43) 2,4,5-Trichlorophenol	11.48	196	156884	41.58	ng	#	92
45) 1,1'-Biphenyl	11.66	154	615600	42.76	ng		98
46) 2-Chloronaphthalene	11.68	162	485144	41.74	ng		96
47) 2-Nitroaniline	11.89	65	138530	43.54	ng	#	79
48) Acenaphthylene	12.34	152	751286	41.27	ng		98
49) Dimethylphthalate	12.21	163	586752	41.80	ng		99
50) 2,6-Dinitrotoluene	12.30	165	120304	42.01	ng		92
51) Acenaphthene	12.62	154	461281	42.42	ng		99
52) 3-Nitroaniline	12.57	138	63473	20.65	ng		88
53) 2,4-Dinitrophenol	12.77	184	45604	32.90	ng	#	72
54) Dibenzofuran	12.91	168	647568	43.03	ng		97
55) 4-Nitrophenol	12.95	139	144881	78.48	ng	#	72
56) 2,4-Dinitrotoluene	12.96	165	150345	40.86	ng	#	84
57) Fluorene	13.46	166	525251	40.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	111997	47.16	ng	#	92
59) Diethylphthalate	13.36	149	526622	39.14	ng		98
60) 4-Chlorophenyl-phenylether	13.48	204	234972	40.86	ng		91
61) 4-Nitroaniline	13.57	138	102792	36.43	ng		97
62) Azobenzene	13.74	77	501794	46.42	ng		94
64) 4,6-Dinitro-2-methylphenol	13.63	198	37132	19.98	ng	#	71
65) n-Nitrosodiphenylamine	13.69	169	469861	46.70	ng		99
66) 4-Bromophenyl-phenylether	14.27	248	129017	44.05	ng		96
67) Hexachlorobenzene	14.35	284	115497	38.48	ng	#	88
68) Atrazine	14.61	200	125983	44.35	ng		98
69) Pentachlorophenol	14.71	266	99522	73.82	ng		95
70) Phenanthrene	15.00	178	684244	42.96	ng		97
71) Anthracene	15.09	178	700704	43.07	ng		97
72) Carbazole	15.37	167	647423	43.73	ng		97
73) Di-n-butylphthalate	15.94	149	809544	43.85	ng		99
74) Fluoranthene	16.75	202	621564	38.04	ng		98
76) Benzidine	16.97	184	348076	60.34	ng	#	93
77) Pyrene	17.05	202	626522	40.56	ng		99
79) Butylbenzylphthalate	17.95	149	307836	42.84	ng	#	87
80) Benzo(a)anthracene	18.62	228	507844	42.24	ng		97
81) 3,3'-Dichlorobenzidine	18.60	252	163760	39.44	ng	#	95
82) Chrysene	18.67	228	481954	41.46	ng		99
83) Bis(2-ethylhexyl)phthalate	18.69	149	443958	43.36	ng	#	99
84) Di-n-octyl phthalate	19.47	149	677170	40.34	ng		97
85) Indeno(1,2,3-cd)pyrene	21.59	276	366228	38.80	ng		99
87) Benzo(b)fluoranthene	19.89	252	439557	50.25	ng		99
88) Benzo(k)fluoranthene	19.92	252	447889	53.08	ng	#	94
89) Benzo(a)pyrene	20.24	252	364158	45.11	ng		98
90) Dibenzo(a,h)anthracene	21.59	278	308333	46.25	ng		98
91) Benzo(g,h,i)perylene	21.96	276	307739	47.04	ng		98

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

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