Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085388.D
Acq On : 11 Mar 2016 22:52
Operator : UM/SJ
Sample : H1758-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310MS

Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:38 AM

Quant Time: Mar 14 03:48:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	147771	20.00	ng		-0.05
21) Naphthalene-d8	8.23	136	569482	20.00	ng		-0.03
38) Acenaphthene-d10	9.98	164	255522	20.00	ng		-0.05
63) Phenanthrene-d10	11.46	188	409857	20.00	ng		-0.05
75) Chrysene-d12	14.12	240	192396	20.00	ng		-0.03
86) Perylene-d12	15.58	264	210682	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1334509	151.48	ng		-0.03
7) Phenol-d6	6.57	99	1544502	133.82	ng		-0.03
23) Nitrobenzene-d5	7.51	82	1119414	105.19	ng		-0.03
41) 2,4,6-Tribromophenol	10.78	330	404132	184.84	ng		-0.03
44) 2-Fluorobiphenyl	9.30	172	1559981	92.85	ng		-0.05
78) Terphenyl-d14	13.05	244	1080953	130.43	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	193306	42.91	ng		96
3) Pyridine	3.41	79	538586	47.77	ng		99
4) n-Nitrosodimethylamine	3.36	42	253819	52.60	ng		95
6) Aniline	6.61	93	665803	41.16	ng		95
8) 2-Chlorophenol	6.72	128	471389	44.45	ng		95
9) Benzaldehyde	6.48	77	133422	21.47	ng		97
10) Phenol	6.58	94	576152m	46.61	ng		
11) bis(2-Chloroethyl)ether	6.68	93	469565	45.73	ng		98
12) 1,3-Dichlorobenzene	6.88	146	541119	47.52	ng		98
13) 1,4-Dichlorobenzene	6.95	146	509523	44.65	ng		98
14) 1,2-Dichlorobenzene	7.11	146	499142	48.21	ng		99
15) Benzyl Alcohol	7.08	79	449753	53.08	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	626233	42.31	ng		99
17) 2-Methylphenol	7.19	107	417383	48.23	ng		97
18) Hexachloroethane	7.45	117	191922	45.59	ng		99
19) n-Nitroso-di-n-propylamine	7.36	70	375734	49.95	ng		97
20) 3+4-Methylphenols	7.35	107	516087	50.35	ng	#	84
22) Acetophenone	7.35	105	608920	43.81	ng	#	93
24) Nitrobenzene	7.52	77	478362	44.25	ng		98
25) Isophorone	7.76	82	985976	49.99	ng		100
26) 2-Nitrophenol	7.84	139	293220	55.74	ng	#	84
27) 2,4-Dimethylphenol	7.88	122	437454	45.50	ng		94
28) bis(2-Chloroethoxy)methane	7.98	93	638462	58.13	ng		98
29) 2,4-Dichlorophenol	8.08	162	425611	54.89	ng		91
30) 1,2,4-Trichlorobenzene	8.16	180	430182	51.31	ng		98
31) Naphthalene	8.25	128	1453249	51.90	ng		98
32) Benzoic acid	7.94	122	40973	6.42	ng		98
33) 4-Chloroaniline	8.30	127	398716	35.20	ng	#	88
34) Hexachlorobutadiene	8.37	225	237064	54.35	ng		98
35) Caprolactam	8.68	113	144023m	56.87	ng		
36) 4-Chloro-3-methylphenol	8.78	107	438272	49.82	ng		100
37) 2-Methylnaphthalene	8.94	142	857553	47.72	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	402239	55.04	ng		98
40) Hexachlorocyclopentadiene	9.10	237	254788	64.64	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	294673	54.17	ng		96
43) 2,4,5-Trichlorophenol	9.26	196	298190	57.81	ng		97
45) 1,1'-Biphenyl	9.41	154	1153261	52.83	ng		96
46) 2-Chloronaphthalene	9.43	162	852836	51.25	ng		94
47) 2-Nitroaniline	9.52	65	263952	51.19	ng		93
48) Acenaphthylene	9.84	152	1339911	51.74	ng		99
49) Dimethylphthalate	9.70	163	1145570	58.41	ng		98
50) 2,6-Dinitrotoluene	9.77	165	244033	58.16	ng	#	69
51) Acenaphthene	10.01	154	833573	53.01	ng		99
52) 3-Nitroaniline	9.93	138	194871	38.82	ng		83
53) 2,4-Dinitrophenol	10.04	184	52210	30.09	ng	#	62
54) Dibenzofuran	10.18	168	1168970	56.74	ng		98
55) 4-Nitrophenol	10.09	139	380704	96.51	ng	#	73
56) 2,4-Dinitrotoluene	10.17	165	311073	57.93	ng		94
57) Fluorene	10.54	166	852075	52.65	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.31	232	227910	62.90	ng		94
59) Diethylphthalate	10.40	149	976453	51.31	ng		95
60) 4-Chlorophenyl-phenylether	10.53	204	435827	55.35	ng	#	84
61) 4-Nitroaniline	10.55	138	217408	46.31	ng		98
62) Azobenzene	10.69	77	1083229	57.77	ng		90
64) 4,6-Dinitro-2-methylphenol	10.58	198	76974	31.37	ng		80
65) n-Nitrosodiphenylamine	10.64	169	724958	56.87	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	248016	62.32	ng	#	82
67) Hexachlorobenzene	11.09	284	238860	56.26	ng	#	83
68) Atrazine	11.17	200	220470	62.19	ng		99
69) Pentachlorophenol	11.27	266	238156	101.06	ng		100
70) Phenanthrene	11.50	178	1248676	58.13	ng		98
71) Anthracene	11.54	178	1119364	49.09	ng		99
72) Carbazole	11.69	167	1060416	53.04	ng		98
73) Di-n-butylphthalate	12.02	149	1326312	52.48	ng		100
74) Fluoranthene	12.68	202	994699	46.15	ng		95
76) Benzidine	12.80	184	740390	129.30	ng		99
77) Pyrene	12.92	202	1030706	71.18	ng		98
79) Butylbenzylphthalate	13.52	149	345111	52.52	ng		98
80) Benzo(a)anthracene	14.11	228	625655	54.32	ng		98
81) 3,3'-Dichlorobenzidine	14.06	252	182190	50.14	ng		98
82) Chrysene	14.14	228	616491	57.94	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	459446	53.14	ng		98
84) Di-n-octyl phthalate	14.70	149	792336	60.17	ng		97
85) Indeno(1,2,3-cd)pyrene	17.04	276	646913	77.91	ng		96
87) Benzo(b)fluoranthene	15.15	252	749070m	53.34	ng		
88) Benzo(k)fluoranthene	15.18	252	475843m	42.01	ng		
89) Benzo(a)pyrene	15.51	252	623907	53.61	ng	#	96
90) Dibenzo(a,h)anthracene	17.07	278	554619	55.83	ng	#	94
91) Benzo(g,h,i)perylene	17.49	276	513055	51.37	ng		96

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

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