Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086909.D
Acq On : 12 May 2016 1:27
Operator : UM/SJ
Sample : H2965-05MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E-19(11.5-12)MSD

Manual Integrations APPROVED
umangi
5/12/2016 9:10:07 AM

Quant Time: May 12 01:55:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 01:06:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	151210	20.00	ng		-0.01
21) Naphthalene-d8	7.92	136	602815	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	281695	20.00	ng		-0.01
63) Phenanthrene-d10	11.15	188	505859	20.00	ng		0.00
75) Chrysene-d12	13.77	240	268296	20.00	ng		-0.01
86) Perylene-d12	15.13	264	301737	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1124759	125.97	ng		0.01
7) Phenol-d6	6.31	99	1461848	122.50	ng		0.00
23) Nitrobenzene-d5	7.21	82	930561	77.51	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	382356	128.21	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1449313	86.47	ng		0.00
78) Terphenyl-d14	12.73	244	1111214	87.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	147727	33.70	ng	#	71
3) Pyridine	2.80	79	403887	37.69	ng	#	67
4) n-Nitrosodimethylamine	2.75	42	323967	41.69	ng	#	49
6) Aniline	6.31	93	341359	23.65	ng	#	18
8) 2-Chlorophenol	6.42	128	430120	39.92	ng		85
9) Benzaldehyde	6.18	77	38930	5.63	ng		99
10) Phenol	6.32	94	575309	40.56	ng		89
11) bis(2-Chloroethyl)ether	6.38	93	410556	37.12	ng	#	82
12) 1,3-Dichlorobenzene	6.57	146	449979	38.59	ng	#	95
13) 1,4-Dichlorobenzene	6.65	146	472999	39.78	ng		95
14) 1,2-Dichlorobenzene	6.80	146	390168	37.65	ng		94
15) Benzyl Alcohol	6.80	79	394799	47.91	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.92	45	879109	36.56	ng		71
17) 2-Methylphenol	6.92	107	359313	41.91	ng	#	81
18) Hexachloroethane	7.14	117	172593	38.58	ng		99
19) n-Nitroso-di-n-propylamine	7.06	70	328417	39.38	ng	#	62
20) 3+4-Methylphenols	7.07	107	485792	43.38	ng	#	64
22) Acetophenone	7.05	105	635310	44.62	ng	#	94
24) Nitrobenzene	7.23	77	507896	41.13	ng	#	87
25) Isophorone	7.47	82	903857	40.58	ng		96
26) 2-Nitrophenol	7.54	139	219135	40.37	ng	#	69
27) 2,4-Dimethylphenol	7.60	122	379266	41.01	ng		88
28) bis(2-Chloroethoxy)methane	7.69	93	564742	47.00	ng		99
29) 2,4-Dichlorophenol	7.79	162	364074	44.73	ng		96
30) 1,2,4-Trichlorobenzene	7.86	180	368390	40.48	ng		95
31) Naphthalene	7.94	128	1201461	39.79	ng		99
32) Benzoic acid	7.70	122	35447	6.53	ng	#	80
33) 4-Chloroaniline	8.01	127	156412	13.33	ng		97
34) Hexachlorobutadiene	8.07	225	209356	39.65	ng		97
35) Caprolactam	8.39	113	109430m	39.52	ng		
36) 4-Chloro-3-methylphenol	8.51	107	428856	43.45	ng		97
37) 2-Methylnaphthalene	8.64	142	825123	46.74	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	320121	39.09	ng		97
40) Hexachlorocyclopentadiene	8.79	237	210110	54.05	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	233538	42.64	ng		93
43) 2,4,5-Trichlorophenol	8.97	196	245885	43.41	ng	#	85
45) 1,1'-Biphenyl	9.10	154	931610	41.58	ng		95
46) 2-Chloronaphthalene	9.12	162	699675	39.86	ng		92
47) 2-Nitroaniline	9.23	65	310150	48.34	ng		83
48) Acenaphthylene	9.53	152	1086591	42.08	ng		99
49) Dimethylphthalate	9.42	163	1080005	50.25	ng		100
50) 2,6-Dinitrotoluene	9.47	165	181706	40.17	ng	#	80
51) Acenaphthene	9.70	154	643479	40.06	ng		99
52) 3-Nitroaniline	9.64	138	128533	26.99	ng		97
53) 2,4-Dinitrophenol	9.76	184	47856	26.41	ng		91
54) Dibenzofuran	9.87	168	944804	45.82	ng		92
55) 4-Nitrophenol	9.84	139	234153	74.11	ng		93
56) 2,4-Dinitrotoluene	9.87	165	225678	40.32	ng	#	56
57) Fluorene	10.22	166	692143	39.36	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.00	232	194003	45.50	ng		96
59) Diethylphthalate	10.11	149	921879	44.02	ng		97
60) 4-Chlorophenyl-phenylether	10.22	204	366237	48.92	ng		87
61) 4-Nitroaniline	10.26	138	194844	42.61	ng	#	78
62) Azobenzene	10.38	77	1063593	47.07	ng		87
64) 4,6-Dinitro-2-methylphenol	10.28	198	93560	29.77	ng	#	67
65) n-Nitrosodiphenylamine	10.34	169	730466	47.00	ng		100
66) 4-Bromophenyl-phenylether	10.70	248	214385	41.80	ng	#	89
67) Hexachlorobenzene	10.76	284	262018	43.71	ng		98
68) Atrazine	10.87	200	228192	43.95	ng		96
69) Pentachlorophenol	10.97	266	240687	86.89	ng		98
70) Phenanthrene	11.18	178	1447890	53.63	ng		100
71) Anthracene	11.22	178	1143166	41.41	ng		99
72) Carbazole	11.38	167	1029570	43.38	ng		98
73) Di-n-butylphthalate	11.73	149	1366804	47.16	ng		99
74) Fluoranthene	12.35	202	1383742	49.84	ng		97
76) Benzidine	12.49	184	518620	75.82	ng		96
77) Pyrene	12.58	202	1428477	69.54	ng		99
79) Butylbenzylphthalate	13.21	149	477495	54.96	ng	#	77
80) Benzo(a)anthracene	13.76	228	871477	57.86	ng		98
81) 3,3'-Dichlorobenzidine	13.74	252	147678	15.43	ng	#	95
82) Chrysene	13.81	228	842083	54.96	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	591136	56.56	ng		96
84) Di-n-octyl phthalate	14.38	149	931815	53.83	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.40	276	858884	67.38	ng		95
87) Benzo(b)fluoranthene	14.77	252	848181m	43.25	ng		
88) Benzo(k)fluoranthene	14.79	252	715235m	44.54	ng		
89) Benzo(a)pyrene	15.09	252	818745	48.41	ng		98
90) Dibenzo(a,h)anthracene	16.41	278	684167	47.99	ng	#	92
91) Benzo(g,h,i)perylene	16.77	276	746426	51.53	ng		96

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

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