Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
Data File : BF090026.D
Acq On : 8 Sep 2016 16:00
Operator : UM/SJ
Sample : H4680-13MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FTMSD

Manual Integrations APPROVED
umangi
9/9/2016 11:19:15 AM

Quant Time: Sep 08 16:32:12 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	191017	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	737572	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	365408	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	654626	20.00	ng		0.00
75) Chrysene-d12	13.73	240	407951	20.00	ng		0.00
86) Perylene-d12	15.06	264	400741	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1674005	140.27	ng		0.02
7) Phenol-d6	6.26	99	2160086	148.97	ng		0.01
23) Nitrobenzene-d5	7.18	82	1310410	103.04	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	478541	132.74	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	2127280	95.56	ng		0.00
78) Terphenyl-d14	12.69	244	1691406	102.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	198945	35.19	ng		96
3) Pyridine	2.71	79	565686	37.50	ng		99
4) n-Nitrosodimethylamine	2.67	42	347531	46.72	ng		96
6) Aniline	6.28	93	741575	37.48	ng		89
8) 2-Chlorophenol	6.39	128	593315	45.83	ng		89
9) Benzaldehyde	6.14	77	88664	9.48	ng		89
10) Phenol	6.27	94	645389	38.27	ng		87
11) bis(2-Chloroethyl)ether	6.35	93	667749	52.33	ng		91
12) 1,3-Dichlorobenzene	6.54	146	665696	46.04	ng	#	91
13) 1,4-Dichlorobenzene	6.62	146	677706	45.81	ng		99
14) 1,2-Dichlorobenzene	6.78	146	648929	48.93	ng		98
15) Benzyl Alcohol	6.76	79	489562	53.89	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1105686	45.44	ng		92
17) 2-Methylphenol	6.88	107	479953	46.42	ng		98
18) Hexachloroethane	7.12	117	237047	46.78	ng	#	82
19) n-Nitroso-di-n-propylamine	7.04	70	409270	43.31	ng		93
20) 3+4-Methylphenols	7.04	107	602416	48.07	ng	#	75
22) Acetophenone	7.03	105	799356	48.31	ng	#	92
24) Nitrobenzene	7.20	77	699661	51.75	ng	#	86
25) Isophorone	7.44	82	1205436	46.61	ng		100
26) 2-Nitrophenol	7.51	139	345889	53.52	ng		98
27) 2,4-Dimethylphenol	7.56	122	554438	46.37	ng		99
28) bis(2-Chloroethoxy)methane	7.66	93	734923	47.12	ng		99
29) 2,4-Dichlorophenol	7.76	162	582117	54.31	ng		94
30) 1,2,4-Trichlorobenzene	7.84	180	598613	51.08	ng		99
31) Naphthalene	7.91	128	1732040m	47.14	ng		
32) Benzoic acid	7.66	122	69747	8.66	ng		88
33) 4-Chloroaniline	7.98	127	602239	40.62	ng		97
34) Hexachlorobutadiene	8.03	225	316219	46.05	ng		98
35) Caprolactam	8.35	113	172084m	50.87	ng		
36) 4-Chloro-3-methylphenol	8.47	107	592546	52.20	ng		90
37) 2-Methylnaphthalene	8.60	142	1304870	53.74	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	474361	44.31	ng		98
40) Hexachlorocyclopentadiene	8.75	237	403406	73.50	ng		94

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	396305	53.42	ng		96
43) 2,4,5-Trichlorophenol	8.94	196	421070	59.02	ng	#	90
45) 1,1'-Biphenyl	9.07	154	1334956	45.37	ng		96
46) 2-Chloronaphthalene	9.08	162	1048095	50.36	ng		98
47) 2-Nitroaniline	9.19	65	348174	51.17	ng		92
48) Acenaphthylene	9.50	152	1514723	44.02	ng		100
49) Dimethylphthalate	9.38	163	2312015	87.54	ng		99
50) 2,6-Dinitrotoluene	9.44	165	316609	53.90	ng		95
51) Acenaphthene	9.67	154	1060909	48.66	ng		99
52) 3-Nitroaniline	9.60	138	298414	44.54	ng		97
53) 2,4-Dinitrophenol	9.70	184	140064	45.56	ng		92
54) Dibenzofuran	9.84	168	1419396	48.58	ng		98
55) 4-Nitrophenol	9.78	139	462348	91.50	ng	#	71
56) 2,4-Dinitrotoluene	9.84	165	381673	51.24	ng	#	89
57) Fluorene	10.18	166	1053598	49.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	337360	55.24	ng		98
59) Diethylphthalate	10.08	149	1328312	53.46	ng		98
60) 4-Chlorophenyl-phenylether	10.18	204	513749	51.13	ng	#	91
61) 4-Nitroaniline	10.22	138	304817	46.31	ng		92
62) Azobenzene	10.34	77	1311171	52.83	ng		87
64) 4,6-Dinitro-2-methylphenol	10.24	198	145573	34.73	ng		89
65) n-Nitrosodiphenylamine	10.31	169	1086455	55.20	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	352388	53.47	ng		94
67) Hexachlorobenzene	10.72	284	357995	47.56	ng		95
68) Atrazine	10.83	200	291889	44.43	ng		98
69) Pentachlorophenol	10.92	266	384742	95.00	ng		99
70) Phenanthrene	11.13	178	1587216	48.69	ng		100
71) Anthracene	11.19	178	1764794	53.38	ng		99
72) Carbazole	11.34	167	1464034	47.22	ng		99
73) Di-n-butylphthalate	11.69	149	1835050	50.78	ng		98
74) Fluoranthene	12.31	202	1674955	49.03	ng		98
76) Benzidine	12.45	184	261068	16.89	ng		98
77) Pyrene	12.54	202	1634286	56.82	ng		99
79) Butylbenzylphthalate	13.17	149	629322	54.25	ng		99
80) Benzo(a)anthracene	13.71	228	1340319	53.64	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	384883	42.67	ng	#	96
82) Chrysene	13.75	228	1212608m	51.95	ng		
83) Bis(2-ethylhexyl)phthalate	13.74	149	855554	53.33	ng		99
84) Di-n-octyl phthalate	14.34	149	1475922	56.99	ng		99
85) Indeno(1,2,3-cd)pyrene	16.29	276	1043269	60.46	ng		99
87) Benzo(b)fluoranthene	14.71	252	1425153m	56.77	ng		
88) Benzo(k)fluoranthene	14.73	252	971006m	45.58	ng		
89) Benzo(a)pyrene	15.02	252	1192072	55.42	ng		100
90) Dibenzo(a,h)anthracene	16.30	278	856594	54.35	ng		99
91) Benzo(g,h,i)perylene	16.65	276	876846	55.27	ng		100

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

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