Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085316.D
Acq On : 9 Mar 2016 23:29
Operator : UM/SJ
Sample : H1724-09MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-SW-SEMSD

Manual Integrations APPROVED
UMANGI
3/10/2016 11:17:20 AM

Quant Time: Mar 10 01:22:01 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	6.95	152	180952	20.00	ng		-0.03
21) Naphthalene-d8	8.23	136	697776	20.00	ng		-0.03
38) Acenaphthene-d10	9.99	164	333898	20.00	ng		-0.03
63) Phenanthrene-d10	11.48	188	642694	20.00	ng		-0.03
75) Chrysene-d12	14.12	240	400482	20.00	ng		-0.03
86) Perylene-d12	15.58	264	270009	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1549468	143.63	ng		-0.01
7) Phenol-d6	6.58	99	1852850	131.10	ng		-0.02
23) Nitrobenzene-d5	7.51	82	1325632	101.66	ng		-0.03
41) 2,4,6-Tribromophenol	10.79	330	551437	193.01	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	1934694	88.12	ng		-0.03
78) Terphenyl-d14	13.06	244	1740230	100.87	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	222154	40.27	ng		99
3) Pyridine	3.45	79	635107	46.00	ng		98
4) n-Nitrosodimethylamine	3.41	42	288749	48.86	ng		97
6) Aniline	6.62	93	646626	32.64	ng		94
8) 2-Chlorophenol	6.73	128	578420	44.54	ng		95
9) Benzaldehyde	6.49	77	175537	23.47	ng		96
10) Phenol	6.60	94	740267m	48.90	ng		
11) bis(2-Chloroethyl)ether	6.69	93	604978	48.12	ng		99
12) 1,3-Dichlorobenzene	6.89	146	647889	46.47	ng		99
13) 1,4-Dichlorobenzene	6.96	146	599224	42.88	ng		98
14) 1,2-Dichlorobenzene	7.12	146	602622	47.53	ng		99
15) Benzyl Alcohol	7.09	79	517482	49.88	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.22	45	728532	40.20	ng		98
17) 2-Methylphenol	7.20	107	509728	48.10	ng		97
18) Hexachloroethane	7.46	117	232470	45.09	ng		94
19) n-Nitroso-di-n-propylamine	7.37	70	440690	47.84	ng		99
20) 3+4-Methylphenols	7.36	107	635696	50.64	ng	#	80
22) Acetophenone	7.36	105	747521	43.89	ng		96
24) Nitrobenzene	7.53	77	625796	47.24	ng		100
25) Isophorone	7.77	82	1198268	49.59	ng		98
26) 2-Nitrophenol	7.85	139	361089	56.02	ng		95
27) 2,4-Dimethylphenol	7.89	122	605786	51.42	ng		95
28) bis(2-Chloroethoxy)methane	7.98	93	697205	51.81	ng		98
29) 2,4-Dichlorophenol	8.09	162	540251	56.86	ng		95
30) 1,2,4-Trichlorobenzene	8.17	180	499010	48.58	ng		100
31) Naphthalene	8.25	128	1613816	47.04	ng		99
32) Benzoic acid	7.94	122	36959	4.72	ng		97
33) 4-Chloroaniline	8.30	127	274232	19.76	ng		96
34) Hexachlorobutadiene	8.38	225	264373	49.46	ng		99
35) Caprolactam	8.69	113	191168m	61.61	ng		
36) 4-Chloro-3-methylphenol	8.79	107	601011	55.76	ng		96
37) 2-Methylnaphthalene	8.95	142	1197683	54.40	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	438013	45.87	ng		98
40) Hexachlorocyclopentadiene	9.10	237	475639	92.35	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	367701	51.73	ng		96
43) 2,4,5-Trichlorophenol	9.27	196	361276	53.60	ng		97
45) 1,1'-Biphenyl	9.42	154	1326341	46.50	ng		94
46) 2-Chloronaphthalene	9.44	162	1081466	49.73	ng		97
47) 2-Nitroaniline	9.53	65	361118	53.59	ng	#	86
48) Acenaphthylene	9.85	152	1542787	45.59	ng		99
49) Dimethylphthalate	9.72	163	1685874	65.78	ng		99
50) 2,6-Dinitrotoluene	9.78	165	292090	53.28	ng	#	61
51) Acenaphthene	10.02	154	950652	46.26	ng		99
52) 3-Nitroaniline	9.94	138	233973	35.67	ng		88
53) 2,4-Dinitrophenol	10.05	184	108107	42.98	ng	#	54
54) Dibenzofuran	10.20	168	1336423	49.64	ng		98
55) 4-Nitrophenol	10.12	139	557070	108.07	ng		95
56) 2,4-Dinitrotoluene	10.18	165	421840	60.12	ng		91
57) Fluorene	10.54	166	1014724	47.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	285030	60.20	ng		93
59) Diethylphthalate	10.41	149	1239559	49.84	ng		96
60) 4-Chlorophenyl-phenylether	10.53	204	516948	50.24	ng		92
61) 4-Nitroaniline	10.56	138	339687	55.37	ng		99
62) Azobenzene	10.69	77	1318115	53.80	ng		96
64) 4,6-Dinitro-2-methylphenol	10.60	198	175371	45.57	ng		82
65) n-Nitrosodiphenylamine	10.65	169	926237	46.34	ng		100
66) 4-Bromophenyl-phenylether	11.02	248	314844	50.45	ng	#	85
67) Hexachlorobenzene	11.09	284	320005	48.07	ng	#	80
68) Atrazine	11.18	200	300004	53.96	ng		98
69) Pentachlorophenol	11.28	266	331313	89.66	ng		99
70) Phenanthrene	11.51	178	1786042	53.03	ng		99
71) Anthracene	11.56	178	1553015	43.43	ng		98
72) Carbazole	11.70	167	1540748	49.14	ng		99
73) Di-n-butylphthalate	12.04	149	1679523	42.38	ng		99
74) Fluoranthene	12.69	202	1632436	48.29	ng		96
76) Benzidine	12.81	184	583447	48.95	ng		98
77) Pyrene	12.92	202	1702283	56.47	ng		99
79) Butylbenzylphthalate	13.53	149	654546	47.86	ng		91
80) Benzo(a)anthracene	14.11	228	1162077	48.47	ng		100
81) 3,3'-Dichlorobenzidine	14.07	252	215488	28.49	ng	#	96
82) Chrysene	14.15	228	1117996	50.48	ng		97
83) Bis(2-ethylhexyl)phthalate	14.09	149	856393	47.58	ng	#	98
84) Di-n-octyl phthalate	14.71	149	1360311	49.63	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.04	276	867675	50.20	ng		97
87) Benzo(b)fluoranthene	15.16	252	911644	50.66	ng	#	95
88) Benzo(k)fluoranthene	15.18	252	752569m	51.84	ng		
89) Benzo(a)pyrene	15.52	252	768926	51.56	ng		99
90) Dibenzo(a,h)anthracene	17.07	278	719235	56.50	ng		97
91) Benzo(g,h,i)perylene	17.49	276	738779	57.71	ng		99

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

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