Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085283.D
Acq On : 9 Mar 2016 4:11
Operator : UM/SJ
Sample : H1703-08MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-41COMP(0.5-5.0)MS

Manual Integrations APPROVED
UMANGI
3/9/2016 3:26:53 PM

Quant Time: Mar 09 13:35:12 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	6.96	152	172074	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	667403	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	276404	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	487923	20.00	ng		-0.02
75) Chrysene-d12	14.13	240	327353	20.00	ng		-0.02
86) Perylene-d12	15.59	264	307302	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1217809	118.71	ng		0.00
7) Phenol-d6	6.60	99	1661168	123.60	ng		-0.01
23) Nitrobenzene-d5	7.53	82	1180880	94.68	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	349995	147.98	ng		-0.01
44) 2-Fluorobiphenyl	9.33	172	1612712	88.73	ng		-0.02
78) Terphenyl-d14	13.08	244	1168788	82.88	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	188757	35.98	ng		98
3) Pyridine	3.50	79	521483	39.72	ng		99
4) n-Nitrosodimethylamine	3.45	42	232986	41.46	ng		95
6) Aniline	6.63	93	409944	21.76	ng		94
8) 2-Chlorophenol	6.74	128	512880	41.53	ng		89
9) Benzaldehyde	6.50	77	152928	21.05	ng		96
10) Phenol	6.61	94	663109m	46.07	ng		
11) bis(2-Chloroethyl)ether	6.70	93	512105	42.83	ng		97
12) 1,3-Dichlorobenzene	6.90	146	571144	43.07	ng		97
13) 1,4-Dichlorobenzene	6.98	146	574786m	43.25	ng		
14) 1,2-Dichlorobenzene	7.13	146	515999	42.80	ng		98
15) Benzyl Alcohol	7.10	79	463139	46.94	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	681973	39.57	ng		99
17) 2-Methylphenol	7.21	107	435249	43.19	ng		97
18) Hexachloroethane	7.48	117	205430	41.90	ng		94
19) n-Nitroso-di-n-propylamine	7.38	70	388629	44.37	ng		98
20) 3+4-Methylphenols	7.37	107	540590	45.29	ng	#	65
22) Acetophenone	7.37	105	672044	41.25	ng		97
24) Nitrobenzene	7.54	77	518600	40.93	ng		100
25) Isophorone	7.78	82	1016823	43.99	ng		99
26) 2-Nitrophenol	7.86	139	299233	48.53	ng	#	85
27) 2,4-Dimethylphenol	7.90	122	516509	45.84	ng		97
28) bis(2-Chloroethoxy)methane	7.99	93	612432	47.58	ng		99
29) 2,4-Dichlorophenol	8.10	162	434852	47.85	ng		93
30) 1,2,4-Trichlorobenzene	8.18	180	439972	44.78	ng		99
31) Naphthalene	8.28	128	1523050	46.41	ng		98
32) Benzoic acid	7.96	122	25545	3.41	ng		95
33) 4-Chloroaniline	8.31	127	147769	11.13	ng		98
34) Hexachlorobutadiene	8.39	225	246810	48.28	ng		98
35) Caprolactam	8.69	113	138403m	46.64	ng		
36) 4-Chloro-3-methylphenol	8.80	107	486039	47.15	ng		93
37) 2-Methylnaphthalene	8.96	142	951265	45.17	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	393750	49.81	ng		98
40) Hexachlorocyclopentadiene	9.12	237	336279	78.87	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	279114	47.43	ng		97
43) 2,4,5-Trichlorophenol	9.28	196	295841	53.03	ng		96
45) 1,1'-Biphenyl	9.43	154	1161926	49.20	ng		95
46) 2-Chloronaphthalene	9.45	162	884374	49.13	ng		96
47) 2-Nitroaniline	9.54	65	276286	49.53	ng		90
48) Acenaphthylene	9.86	152	1275077	45.51	ng		99
49) Dimethylphthalate	9.73	163	1224857	57.73	ng		99
50) 2,6-Dinitrotoluene	9.78	165	200788	44.24	ng	#	85
51) Acenaphthene	10.04	154	843068	49.56	ng		98
52) 3-Nitroaniline	9.96	138	156344	28.79	ng		97
53) 2,4-Dinitrophenol	10.06	184	75113	37.37	ng	#	44
54) Dibenzofuran	10.21	168	1078998	48.42	ng		98
55) 4-Nitrophenol	10.12	139	393721	92.27	ng		93
56) 2,4-Dinitrotoluene	10.18	165	286561	49.34	ng	#	85
57) Fluorene	10.55	166	828413	47.32	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	196843	50.22	ng		98
59) Diethylphthalate	10.42	149	965210	46.88	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	381332	44.77	ng		89
61) 4-Nitroaniline	10.56	138	208477	41.05	ng		99
62) Azobenzene	10.70	77	983723	48.50	ng		97
64) 4,6-Dinitro-2-methylphenol	10.60	198	83119	28.45	ng		77
65) n-Nitrosodiphenylamine	10.66	169	801923	52.84	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	222262	46.91	ng	#	85
67) Hexachlorobenzene	11.10	284	230670	45.64	ng	#	83
68) Atrazine	11.19	200	255203	60.47	ng		98
69) Pentachlorophenol	11.29	266	241863	86.21	ng		99
70) Phenanthrene	11.52	178	2307400	90.24	ng		100
71) Anthracene	11.57	178	1331857	49.06	ng		99
72) Carbazole	11.72	167	1006368	42.28	ng		99
73) Di-n-butylphthalate	12.05	149	1382515	45.95	ng		99
74) Fluoranthene	12.71	202	2010855	78.36	ng		95
76) Benzidine	12.83	184	447331	45.91	ng		98
77) Pyrene	12.94	202	2008749	81.53	ng		99
79) Butylbenzylphthalate	13.55	149	517614	46.30	ng	#	81
80) Benzo(a)anthracene	14.12	228	1191311	60.79	ng		100
81) 3,3'-Dichlorobenzidine	14.07	252	151011	24.43	ng		99
82) Chrysene	14.15	228	853511	47.15	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	652005	44.32	ng	#	96
84) Di-n-octyl phthalate	14.71	149	1095006	48.87	ng		98
85) Indeno(1,2,3-cd)pyrene	17.07	276	1051114	74.40	ng		97
87) Benzo(b)fluoranthene	15.17	252	1142196m	55.76	ng		
88) Benzo(k)fluoranthene	15.19	252	839110m	50.79	ng		
89) Benzo(a)pyrene	15.53	252	1020656	60.13	ng	#	96
90) Dibenzo(a,h)anthracene	17.09	278	789806m	54.51	ng		
91) Benzo(g,h,i)perylene	17.51	276	881995	60.54	ng		99

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

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