Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086001.D
Acq On : 2 Apr 2016 10:13
Operator : UM/SJ
Sample : H2055-01MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1(0-2)MSD

Manual Integrations APPROVED
Sohil
4/4/2016 7:45:07 PM

Quant Time: Apr 04 01:53:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	111797	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	442748	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	220244	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	427011	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	379384	20.00	ng		0.00
86) Perylene-d12	15.33	264	317635	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	774733	118.45	ng		0.01
7) Phenol-d6	6.42	99	910005	109.54	ng		0.00
23) Nitrobenzene-d5	7.34	82	600083	79.93	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	245798	118.90	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1032252	77.93	ng		0.00
78) Terphenyl-d14	12.88	244	1037732	64.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	93946	30.30	ng		100
3) Pyridine	3.07	79	256530	36.95	ng		99
4) n-Nitrosodimethylamine	3.01	42	108228	35.45	ng		99
6) Aniline	6.44	93	295940	27.15	ng		95
8) 2-Chlorophenol	6.56	128	291931	37.43	ng		93
9) Benzaldehyde	6.33	77	135842	30.39	ng		91
10) Phenol	6.43	94	382654	40.38	ng		92
11) bis(2-Chloroethyl)ether	6.51	93	271293m	36.15	ng		
12) 1,3-Dichlorobenzene	6.72	146	290200	35.10	ng		99
13) 1,4-Dichlorobenzene	6.78	146	302948	35.57	ng		99
14) 1,2-Dichlorobenzene	6.94	146	284054	36.23	ng		99
15) Benzyl Alcohol	6.92	79	219234	40.79	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	335701	36.62	ng		92
17) 2-Methylphenol	7.04	107	232474	37.80	ng		96
18) Hexachloroethane	7.28	117	108087	34.50	ng	#	80
19) n-Nitroso-di-n-propylamine	7.20	70	198088	38.47	ng		99
20) 3+4-Methylphenols	7.20	107	294177	39.33	ng	#	82
22) Acetophenone	7.18	105	390161	37.49	ng	#	93
24) Nitrobenzene	7.36	77	288336	35.10	ng		97
25) Isophorone	7.60	82	557097	37.59	ng		100
26) 2-Nitrophenol	7.68	139	153076	38.95	ng	#	87
27) 2,4-Dimethylphenol	7.72	122	268194	38.00	ng		98
28) bis(2-Chloroethoxy)methane	7.81	93	352136	40.50	ng		99
29) 2,4-Dichlorophenol	7.93	162	232261	38.92	ng		95
30) 1,2,4-Trichlorobenzene	8.00	180	243775	36.40	ng		99
31) Naphthalene	8.08	128	808409	36.30	ng		100
32) Benzoic acid	7.82	122	17990	3.47	ng		95
33) 4-Chloroaniline	8.13	127	200227	22.26	ng	#	91
34) Hexachlorobutadiene	8.20	225	124149	34.48	ng		98
35) Caprolactam	8.51	113	82183m	43.41	ng		
36) 4-Chloro-3-methylphenol	8.62	107	255845	38.14	ng		96
37) 2-Methylnaphthalene	8.77	142	559575	38.46	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	217979	32.93	ng		99
40) Hexachlorocyclopentadiene	8.92	237	164002	71.58	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	159613	37.55	ng		97
43) 2,4,5-Trichlorophenol	9.10	196	166682	38.62	ng		99
45) 1,1'-Biphenyl	9.23	154	623501	32.83	ng		99
46) 2-Chloronaphthalene	9.26	162	499868	36.31	ng		99
47) 2-Nitroaniline	9.36	65	156795	38.93	ng	#	82
48) Acenaphthylene	9.68	152	827375	37.52	ng		100
49) Dimethylphthalate	9.54	163	684314	41.92	ng		99
50) 2,6-Dinitrotoluene	9.61	165	145497	42.13	ng	#	76
51) Acenaphthene	9.85	154	490004	37.36	ng		100
52) 3-Nitroaniline	9.78	138	112458	27.02	ng		84
53) 2,4-Dinitrophenol	9.89	184	62354	37.39	ng	#	72
54) Dibenzofuran	10.02	168	704339	40.67	ng		99
55) 4-Nitrophenol	9.95	139	188177	76.68	ng		93
56) 2,4-Dinitrotoluene	10.01	165	163041	37.36	ng	#	38
57) Fluorene	10.36	166	566471	38.29	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	126385	39.33	ng		98
59) Diethylphthalate	10.24	149	586440	35.59	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	254822	36.97	ng		95
61) 4-Nitroaniline	10.40	138	165181	40.29	ng		96
62) Azobenzene	10.51	77	650489	41.22	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	89585	34.62	ng		98
65) n-Nitrosodiphenylamine	10.48	169	524032	39.24	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	162435	37.26	ng	#	89
67) Hexachlorobenzene	10.91	284	169252	37.54	ng		94
68) Atrazine	11.00	200	156592	36.29	ng		98
69) Pentachlorophenol	11.10	266	163305	77.29	ng		99
70) Phenanthrene	11.32	178	885054	37.99	ng		99
71) Anthracene	11.37	178	818073	33.52	ng		100
72) Carbazole	11.53	167	787860	37.56	ng		100
73) Di-n-butylphthalate	11.86	149	1012146	38.94	ng		99
74) Fluoranthene	12.50	202	830537	34.28	ng		99
76) Benzidine	12.62	184	419726	31.36	ng		99
77) Pyrene	12.73	202	843387	31.55	ng		99
79) Butylbenzylphthalate	13.35	149	417569	34.69	ng	#	72
80) Benzo(a)anthracene	13.92	228	751821	33.62	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	175250	10.73	ng		98
82) Chrysene	13.96	228	717453	33.31	ng		100
83) Bis(2-ethylhexyl)phthalate	13.91	149	563870	35.29	ng		99
84) Di-n-octyl phthalate	14.52	149	1019447	39.96	ng		98
85) Indeno(1,2,3-cd)pyrene	16.69	276	587560	33.62	ng		99
87) Benzo(b)fluoranthene	14.93	252	877244m	43.90	ng		
88) Benzo(k)fluoranthene	14.97	252	500873m	28.31	ng		
89) Benzo(a)pyrene	15.28	252	641277	36.22	ng		99
90) Dibenzo(a,h)anthracene	16.69	278	495311	34.77	ng		96
91) Benzo(g,h,i)perylene	17.09	276	471525	34.21	ng		98

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

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