Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086075.D
Acq On : 5 Apr 2016 10:11
Operator : UM/SJ
Sample : H2104-07MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED
Sohil
4/5/2016 6:39:21 PM

Quant Time: Apr 05 12:01:49 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	6.76	152	120505	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	456306	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	192777	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	297946	20.00	ng		-0.01
75) Chrysene-d12	13.92	240	213431	20.00	ng		-0.01
86) Perylene-d12	15.32	264	162627	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	820967	116.45	ng		0.01
7) Phenol-d6	6.42	99	983550	109.84	ng		0.00
23) Nitrobenzene-d5	7.33	82	640880	82.83	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	199582	110.30	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1092996	94.27	ng		-0.01
78) Terphenyl-d14	12.87	244	765079	84.26	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	128200	38.36	ng	#	86
3) Pyridine	3.15	79	257036m	34.35	ng		
4) n-Nitrosodimethylamine	3.08	42	144154	43.81	ng		98
6) Aniline	6.43	93	122860	10.46	ng	#	1
8) 2-Chlorophenol	6.56	128	341661	40.64	ng		98
9) Benzaldehyde	6.32	77	76264	15.83	ng		93
10) Phenol	6.43	94	401818	39.34	ng		97
11) bis(2-Chloroethyl)ether	6.51	93	336658	41.62	ng		97
12) 1,3-Dichlorobenzene	6.70	146	354395m	39.77	ng		
13) 1,4-Dichlorobenzene	6.78	146	355904	38.77	ng		93
14) 1,2-Dichlorobenzene	6.93	146	334021	39.53	ng		98
15) Benzyl Alcohol	6.92	79	239906	41.41	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	375958	38.05	ng		68
17) 2-Methylphenol	7.04	107	271624	40.98	ng		95
18) Hexachloroethane	7.26	117	104800	31.04	ng	#	77
19) n-Nitroso-di-n-propylamine	7.18	70	224314	40.41	ng		93
20) 3+4-Methylphenols	7.20	107	350462	43.47	ng	#	62
22) Acetophenone	7.18	105	478525	44.61	ng	#	89
24) Nitrobenzene	7.36	77	382126	45.14	ng		91
25) Isophorone	7.60	82	668367	43.76	ng		95
26) 2-Nitrophenol	7.68	139	153767	37.97	ng	#	87
27) 2,4-Dimethylphenol	7.72	122	312114	42.91	ng		95
28) bis(2-Chloroethoxy)methane	7.80	93	382221	42.65	ng		98
29) 2,4-Dichlorophenol	7.92	162	264903	43.07	ng		96
30) 1,2,4-Trichlorobenzene	8.00	180	294299	42.63	ng		94
31) Naphthalene	8.08	128	1056545	46.03	ng		99
32) Benzoic acid	7.86	122	149693	28.05	ng		99
33) 4-Chloroaniline	8.13	127	71799	7.74	ng	#	96
34) Hexachlorobutadiene	8.19	225	152348	41.05	ng		99
35) Caprolactam	8.50	113	70173	35.97	ng		91
36) 4-Chloro-3-methylphenol	8.62	107	284261	41.12	ng		98
37) 2-Methylnaphthalene	8.76	142	613866	40.94	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	261031	45.05	ng		99
40) Hexachlorocyclopentadiene	8.91	237	25268	20.44	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	168919	45.40	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	167296	44.29	ng	#	78
45) 1,1'-Biphenyl	9.23	154	724439	43.58	ng		95
46) 2-Chloronaphthalene	9.25	162	551975	45.81	ng		96
47) 2-Nitroaniline	9.36	65	176404	50.04	ng		99
48) Acenaphthylene	9.66	152	828780	42.94	ng		99
49) Dimethylphthalate	9.53	163	638740	44.70	ng		99
50) 2,6-Dinitrotoluene	9.60	165	118288	39.13	ng		99
51) Acenaphthene	9.84	154	497624	43.35	ng		99
52) 3-Nitroaniline	9.77	138	97274	26.70	ng		93
53) 2,4-Dinitrophenol	9.89	184	21940	19.10	ng	#	78
54) Dibenzofuran	10.01	168	678435	44.75	ng		99
55) 4-Nitrophenol	9.95	139	145094	67.55	ng		100
56) 2,4-Dinitrotoluene	10.01	165	148720	38.93	ng	#	68
57) Fluorene	10.35	166	540057	41.70	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	127576	45.36	ng	#	95
59) Diethylphthalate	10.22	149	674660	46.78	ng		97
60) 4-Chlorophenyl-phenylether	10.34	204	240782	39.92	ng		98
61) 4-Nitroaniline	10.38	138	148147	41.29	ng		96
62) Azobenzene	10.50	77	603907	43.72	ng		97
64) 4,6-Dinitro-2-methylphenol	10.42	198	19326	10.70	ng	#	79
65) n-Nitrosodiphenylamine	10.46	169	463112	49.70	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	152951	50.28	ng		99
67) Hexachlorobenzene	10.90	284	147008	46.73	ng	#	88
68) Atrazine	10.99	200	94676	31.45	ng		97
69) Pentachlorophenol	11.10	266	126524	85.82	ng		99
70) Phenanthrene	11.31	178	727784	44.78	ng		100
71) Anthracene	11.36	178	679340	39.90	ng		99
72) Carbazole	11.52	167	567552	38.78	ng		99
73) Di-n-butylphthalate	11.85	149	865963	47.75	ng		99
74) Fluoranthene	12.50	202	642134	37.98	ng		89
76) Benzidine	12.63	184	99311	13.19	ng		97
77) Pyrene	12.72	202	612524	40.73	ng		99
79) Butylbenzylphthalate	13.33	149	314497	46.44	ng	#	65
80) Benzo(a)anthracene	13.91	228	497844	39.57	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	85075	9.26	ng		98
82) Chrysene	13.95	228	480486	39.65	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	421452	46.89	ng		99
84) Di-n-octyl phthalate	14.51	149	728268	50.74	ng		100
85) Indeno(1,2,3-cd)pyrene	16.68	276	372318	37.87	ng		99
87) Benzo(b)fluoranthene	14.92	252	554185m	54.17	ng		
88) Benzo(k)fluoranthene	14.96	252	328508m	36.26	ng		
89) Benzo(a)pyrene	15.27	252	402517	44.41	ng		99
90) Dibenzo(a,h)anthracene	16.68	278	323584	44.37	ng		98
91) Benzo(g,h,i)perylene	17.08	276	298734	42.33	ng		98

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

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