Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086376.D
Acq On : 23 Apr 2016 7:47
Operator : UM/SJ
Sample : H2634-10MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11MS

Manual Integrations APPROVED
sohil
4/25/2016 12:35:48 PM

Quant Time: Apr 25 04:51:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	174629	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	711239	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	349650	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	662294	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	367293	20.00	ng		0.00
86) Perylene-d12	15.41	264	356114	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	647409	64.02	ng		0.01
7) Phenol-d6	6.48	99	594079	43.21	ng		0.00
23) Nitrobenzene-d5	7.41	82	970510	80.83	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	374219	118.23	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1666472	81.33	ng		0.00
78) Terphenyl-d14	12.95	244	1275574	86.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	84954	15.19	ng		98
3) Pyridine	3.20	79	198205	14.88	ng		96
4) n-Nitrosodimethylamine	3.10	42	83047	16.43	ng		87
6) Aniline	6.50	93	354711	21.14	ng		93
8) 2-Chlorophenol	6.62	128	419061	33.94	ng		97
9) Benzaldehyde	6.38	77	86193	10.32	ng		89
10) Phenol	6.49	94	239269	14.74	ng		99
11) bis(2-Chloroethyl)ether	6.58	93	498597	35.28	ng		95
12) 1,3-Dichlorobenzene	6.78	146	473553	35.97	ng		97
13) 1,4-Dichlorobenzene	6.86	146	483351	33.42	ng		98
14) 1,2-Dichlorobenzene	7.01	146	453058	34.48	ng		96
15) Benzyl Alcohol	6.99	79	255634	31.33	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	642393	34.68	ng		99
17) 2-Methylphenol	7.10	107	297689	29.43	ng		98
18) Hexachloroethane	7.36	117	199126	40.88	ng		92
19) n-Nitroso-di-n-propylamine	7.26	70	323559	39.39	ng		96
20) 3+4-Methylphenols	7.25	107	288084	26.86	ng	#	68
22) Acetophenone	7.25	105	653586	43.80	ng		92
24) Nitrobenzene	7.42	77	492352	38.23	ng		96
25) Isophorone	7.66	82	909939	38.67	ng		98
26) 2-Nitrophenol	7.74	139	275665	43.32	ng		97
27) 2,4-Dimethylphenol	7.79	122	402692	36.96	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	594804	45.27	ng		99
29) 2,4-Dichlorophenol	7.98	162	399359	44.34	ng		100
30) 1,2,4-Trichlorobenzene	8.06	180	397658	40.65	ng	#	95
31) Naphthalene	8.14	128	1400984	38.67	ng		98
32) Benzoic acid	7.87	122	94028	13.50	ng	#	77
33) 4-Chloroaniline	8.20	127	199554	14.14	ng		99
34) Hexachlorobutadiene	8.27	225	193914	39.69	ng		98
35) Caprolactam	8.62	113	27461	8.50	ng	#	85
36) 4-Chloro-3-methylphenol	8.68	107	419876	39.22	ng		96
37) 2-Methylnaphthalene	8.84	142	943088	45.13	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	344779	38.11	ng		99
40) Hexachlorocyclopentadiene	8.99	237	307173	69.52	ng		98

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	259190	43.70	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	287438	39.36	ng		96
45) 1,1'-Biphenyl	9.31	154	1105849	40.77	ng		99
46) 2-Chloronaphthalene	9.33	162	881178	41.04	ng		97
47) 2-Nitroaniline	9.42	65	297289	44.47	ng		98
48) Acenaphthylene	9.74	152	1434407	41.20	ng		100
49) Dimethylphthalate	9.61	163	1019393	40.36	ng		99
50) 2,6-Dinitrotoluene	9.66	165	224859	41.21	ng		97
51) Acenaphthene	9.92	154	970444	45.38	ng		99
52) 3-Nitroaniline	9.84	138	105953	15.51	ng		99
53) 2,4-Dinitrophenol	9.94	184	224798	79.25	ng		90
54) Dibenzofuran	10.09	168	1237694	45.06	ng		100
55) 4-Nitrophenol	10.00	139	164940	34.51	ng		88
56) 2,4-Dinitrotoluene	10.06	165	321288	44.34	ng		98
57) Fluorene	10.43	166	943677	41.93	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	249944	46.83	ng		96
59) Diethylphthalate	10.30	149	970309	40.12	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	380814	38.69	ng		98
61) 4-Nitroaniline	10.45	138	260113	37.20	ng		98
62) Azobenzene	10.58	77	1086865	43.33	ng		98
64) 4,6-Dinitro-2-methylphenol	10.48	198	163065	40.29	ng		96
65) n-Nitrosodiphenylamine	10.54	169	873485	42.77	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	267590	41.26	ng		94
67) Hexachlorobenzene	10.97	284	280582	40.55	ng	#	60
68) Atrazine	11.08	200	251778	39.93	ng		98
69) Pentachlorophenol	11.17	266	336020	82.70	ng		97
70) Phenanthrene	11.39	178	1376974	41.38	ng		100
71) Anthracene	11.44	178	1447757	37.97	ng		99
72) Carbazole	11.60	167	1459421	40.75	ng		100
73) Di-n-butylphthalate	11.93	149	1477849	39.23	ng		99
74) Fluoranthene	12.57	202	1250776	34.85	ng		98
77) Pyrene	12.80	202	1266817	49.45	ng		99
79) Butylbenzylphthalate	13.43	149	573207	48.03	ng		99
80) Benzo(a)anthracene	13.99	228	906128	47.52	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	28627	2.18	ng	#	92
82) Chrysene	14.02	228	845125	39.34	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	623839	46.69	ng		98
84) Di-n-octyl phthalate	14.59	149	1077766	42.01	ng		98
85) Indeno(1,2,3-cd)pyrene	16.80	276	994217	52.06	ng		99
87) Benzo(b)fluoranthene	15.01	252	948348m	48.52	ng		
88) Benzo(k)fluoranthene	15.04	252	724657m	37.77	ng		
89) Benzo(a)pyrene	15.36	252	828023	42.94	ng		97
90) Dibenzo(a,h)anthracene	16.81	278	840500	52.84	ng		99
91) Benzo(g,h,i)perylene	17.21	276	874701	53.27	ng		97

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

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