Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
Data File : BF079649.D
Acq On : 31 May 2015 22:57
Operator : TP/IZ
Sample : G2426-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-1(5-15)MSD

Manual Integrations APPROVED
apatel
6/1/2015 8:43:40 PM

Quant Time: Jun 01 05:34:11 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 04:06:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	60338	20.00	ng		0.00
21) Naphthalene-d8	8.49	136	247485	20.00	ng		0.01
38) Acenaphthene-d10	10.65	164	124928	20.00	ng		0.00
63) Phenanthrene-d10	12.48	188	237693	20.00	ng		0.00
75) Chrysene-d12	15.76	240	242906	20.00	ng		0.01
86) Perylene-d12	17.42	264	262630	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	514107	147.78	ng		0.01
7) Phenol-d6	6.51	99	686037	154.72	ng		0.01
23) Nitrobenzene-d5	7.61	82	349672	81.67	ng		0.00
41) 2,4,6-Tribromophenol	11.63	330	199901	145.68	ng		0.00
44) 2-Fluorobiphenyl	9.84	172	613908	70.11	ng		0.01
78) Terphenyl-d14	14.48	244	838433	81.01	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.71	88	63964	38.65	ng	#	100
3) Pyridine	2.33	79	164383	45.11	ng		97
4) n-Nitrosodimethylamine	2.26	42	87796	48.93	ng		91
6) Aniline	6.50	93	96986	15.41	ng	#	84
8) 2-Chlorophenol	6.64	128	201436	49.74	ng		94
9) Benzaldehyde	6.35	77	23120	7.08	ng	#	33
10) Phenol	6.52	94	253740	48.60	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	197988	52.43	ng		90
12) 1,3-Dichlorobenzene	6.82	146	201514	44.92	ng		98
13) 1,4-Dichlorobenzene	6.92	146	208589	45.58	ng		98
14) 1,2-Dichlorobenzene	7.11	146	200660	47.21	ng		99
15) Benzyl Alcohol	7.11	79	163395	50.14	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.28	45	268952	48.66	ng	#	43
17) 2-Methylphenol	7.28	107	158683	49.87	ng	#	94
18) Hexachloroethane	7.52	117	66971	42.51	ng		91
19) n-Nitroso-di-n-propylamine	7.44	70	143362	45.95	ng		98
20) 3+4-Methylphenols	7.47	107	218835	50.05	ng		95
22) Acetophenone	7.43	105	299688	54.05	ng	#	94
24) Nitrobenzene	7.63	77	207884	49.26	ng		92
25) Isophorone	7.94	82	382054	48.96	ng		96
26) 2-Nitrophenol	8.03	139	93710	46.91	ng		92
27) 2,4-Dimethylphenol	8.11	122	186054	51.81	ng		99
28) bis(2-Chloroethoxy)methane	8.23	93	245000	50.65	ng		100
29) 2,4-Dichlorophenol	8.34	162	169310	51.47	ng		98
30) 1,2,4-Trichlorobenzene	8.42	180	168638	49.42	ng		96
31) Naphthalene	8.51	128	619950	52.20	ng		99
32) Benzoic acid	8.25	122	68652	30.80	ng		95
33) 4-Chloroaniline	8.60	127	78581	15.84	ng		96
34) Hexachlorobutadiene	8.67	225	91010	46.89	ng		98
35) Caprolactam	9.04	113	51574	49.72	ng		96
36) 4-Chloro-3-methylphenol	9.23	107	174841	51.24	ng	#	74
37) 2-Methylnaphthalene	9.37	142	408246	49.51	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.58	216	160771	46.01	ng	#	100
40) Hexachlorocyclopentadiene	9.56	237	24897	35.43	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.74	196	119692	49.05	ng		99
43) 2,4,5-Trichlorophenol	9.79	196	121662	50.09	ng		96
45) 1,1'-Biphenyl	9.95	154	474686	48.65	ng		98
46) 2-Chloronaphthalene	9.96	162	355264	46.10	ng		97
47) 2-Nitroaniline	10.11	65	114202	49.84	ng	#	71
48) Acenaphthylene	10.48	152	587678	45.94	ng		99
49) Dimethylphthalate	10.35	163	639350	69.46	ng		100
50) 2,6-Dinitrotoluene	10.42	165	88030	47.87	ng	#	49
51) Acenaphthene	10.69	154	337036	46.08	ng		99
52) 3-Nitroaniline	10.63	138	66405	27.76	ng	#	78
53) 2,4-Dinitrophenol	10.78	184	16110	33.04	ng		97
54) Dibenzofuran	10.90	168	514357	47.68	ng		98
55) 4-Nitrophenol	10.88	139	132822m	100.13	ng		
56) 2,4-Dinitrotoluene	10.93	165	121438	49.24	ng		93
57) Fluorene	11.33	166	414605	46.63	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.07	232	97287	55.04	ng	#	100
59) Diethylphthalate	11.22	149	435477	48.33	ng		95
60) 4-Chlorophenyl-phenylether	11.35	204	189148	49.23	ng	#	80
61) 4-Nitroaniline	11.38	138	92549	41.53	ng		87
62) Azobenzene	11.53	77	443144	50.56	ng		97
64) 4,6-Dinitro-2-methylphenol	11.43	198	19529	20.88	ng		94
65) n-Nitrosodiphenylamine	11.50	169	375504	47.56	ng		99
66) 4-Bromophenyl-phenylether	11.94	248	121107	49.48	ng		97
67) Hexachlorobenzene	12.00	284	133890	47.98	ng		96
68) Atrazine	12.17	200	116797	54.76	ng		97
69) Pentachlorophenol	12.26	266	111098	103.92	ng		98
70) Phenanthrene	12.51	178	620885	47.61	ng		99
71) Anthracene	12.57	178	600536	45.36	ng		99
72) Carbazole	12.79	167	605281	47.49	ng		99
73) Di-n-butylphthalate	13.25	149	738439	52.13	ng		99
74) Fluoranthene	13.98	202	700021	50.06	ng		95
76) Benzidine	14.17	184	383334	73.68	ng		98
77) Pyrene	14.26	202	736386	48.93	ng		100
79) Butylbenzylphthalate	15.10	149	337488	49.87	ng		99
80) Benzo(a)anthracene	15.74	228	667888	47.80	ng		100
81) 3,3'-Dichlorobenzidine	15.73	252	229552	44.86	ng	#	96
82) Chrysene	15.78	228	622520	46.87	ng		99
83) Bis(2-ethylhexyl)phthalate	15.82	149	533922	55.07	ng		98
84) Di-n-octyl phthalate	16.58	149	915849	54.27	ng		99
85) Indeno(1,2,3-cd)pyrene	18.67	276	794976	46.53	ng		98
87) Benzo(b)fluoranthene	16.99	252	796476	53.17	ng	#	97
88) Benzo(k)fluoranthene	17.03	252	548574m	40.95	ng		
89) Benzo(a)pyrene	17.36	252	677426	51.87	ng		100
90) Dibenzo(a,h)anthracene	18.70	278	656401	47.86	ng		98
91) Benzo(g,h,i)perylene	19.04	276	639111	46.50	ng		97

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

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