Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080653.D
Acq On : 25 Jul 2015 6:30
Operator : TP/UM
Sample : G3079-13MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6-7-22-15MS

Manual Integrations APPROVED
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7/27/2015 4:22:26 PM

Quant Time: Jul 27 12:10:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 25 04:28:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	51023	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	175675	20.00	ng		0.00
38) Acenaphthene-d10	9.97	164	99669	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	176857	20.00	ng		0.00
75) Chrysene-d12	14.25	240	167961	20.00	ng		0.09
86) Perylene-d12	15.92	264	148154	20.00	ng		0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	162859	53.75	ng		0.00
7) Phenol-d6	6.54	99	125536	34.69	ng		0.00
23) Nitrobenzene-d5	7.49	82	310554	88.78	ng		0.00
41) 2,4,6-Tribromophenol	10.76	330	116620	130.23	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	506678	78.44	ng		0.00
78) Terphenyl-d14	13.08	244	555931	71.27	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	17096	12.57	ng		98
3) Pyridine	3.29	79	36252	11.29	ng		88
4) n-Nitrosodimethylamine	3.16	42	30692	14.68	ng		91
6) Aniline	6.59	93	106368	20.77	ng		93
8) 2-Chlorophenol	6.70	128	96947	29.13	ng		97
9) Benzaldehyde	6.48	77	46507	19.67	ng		94
10) Phenol	6.56	94	50226	11.46	ng		92
11) bis(2-Chloroethyl)ether	6.66	93	125779	39.02	ng		96
12) 1,3-Dichlorobenzene	6.88	146	113630m	31.62	ng		
13) 1,4-Dichlorobenzene	6.94	146	114223	30.69	ng		98
14) 1,2-Dichlorobenzene	7.10	146	124107	33.90	ng		99
15) Benzyl Alcohol	7.07	79	75146	24.99	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.21	45	205754	37.57	ng		96
17) 2-Methylphenol	7.17	107	63568	24.02	ng		94
18) Hexachloroethane	7.45	117	52536	36.09	ng		94
19) n-Nitroso-di-n-propylamine	7.33	70	88807	34.00	ng		99
20) 3+4-Methylphenols	7.33	107	77667	22.63	ng	#	63
22) Acetophenone	7.33	105	189161	41.46	ng		90
24) Nitrobenzene	7.50	77	135556	38.88	ng		98
25) Isophorone	7.74	82	240113	39.14	ng		98
26) 2-Nitrophenol	7.84	139	48149	37.85	ng		94
27) 2,4-Dimethylphenol	7.86	122	93887	36.84	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	141405	39.77	ng		99
29) 2,4-Dichlorophenol	8.06	162	91813	37.77	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	100108	34.71	ng		97
31) Naphthalene	8.24	128	334921	38.05	ng		100
32) Benzoic acid	7.90	122	19426m	17.66	ng		
33) 4-Chloroaniline	8.28	127	94113	24.34	ng		99
34) Hexachlorobutadiene	8.36	225	65488	32.87	ng		98
35) Caprolactam	8.66	113	5912	8.49	ng	#	74
36) 4-Chloro-3-methylphenol	8.75	107	97280	37.29	ng		99
37) 2-Methylnaphthalene	8.93	142	280170	44.66	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	98381	34.17	ng		96
40) Hexachlorocyclopentadiene	9.09	237	104667	61.15	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	70551	35.92	ng		98
43) 2,4,5-Trichlorophenol	9.24	196	75473	36.69	ng		98
45) 1,1'-Biphenyl	9.39	154	275133	39.51	ng		98
46) 2-Chloronaphthalene	9.41	162	215904	37.07	ng		99
47) 2-Nitroaniline	9.50	65	75893	42.50	ng		92
48) Acenaphthylene	9.84	152	372448	37.79	ng		99
49) Dimethylphthalate	9.69	163	273981	38.43	ng		98
50) 2,6-Dinitrotoluene	9.76	165	55282	43.43	ng	#	37
51) Acenaphthene	10.01	154	262664	43.88	ng		99
52) 3-Nitroaniline	9.92	138	47733	31.52	ng		96
53) 2,4-Dinitrophenol	10.02	184	52541	77.99	ng	#	87
54) Dibenzofuran	10.18	168	332949	38.98	ng		97
55) 4-Nitrophenol	10.06	139	37638	31.49	ng		93
56) 2,4-Dinitrotoluene	10.14	165	73269	43.55	ng		99
57) Fluorene	10.52	166	268850	39.98	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.29	232	67008	40.82	ng	#	97
59) Diethylphthalate	10.40	149	290965	41.06	ng		98
60) 4-Chlorophenyl-phenylether	10.52	204	116308	38.92	ng		97
61) 4-Nitroaniline	10.52	138	51626	35.04	ng		97
62) Azobenzene	10.67	77	269030	39.66	ng		99
64) 4,6-Dinitro-2-methylphenol	10.56	198	38502	42.30	ng		98
65) n-Nitrosodiphenylamine	10.62	169	207142	38.22	ng		99
66) 4-Bromophenyl-phenylether	11.00	248	66553	39.94	ng		91
67) Hexachlorobenzene	11.07	284	81044	39.93	ng		95
68) Atrazine	11.16	200	69808	44.32	ng		93
69) Pentachlorophenol	11.26	266	89886	88.79	ng		98
70) Phenanthrene	11.48	178	385888	39.53	ng		99
71) Anthracene	11.54	178	402070	42.70	ng		99
72) Carbazole	11.69	167	356923	41.85	ng		99
73) Di-n-butylphthalate	12.03	149	476788	45.13	ng		99
74) Fluoranthene	12.69	202	392267	41.57	ng		93
76) Benzidine	12.82	184	119660	20.96	ng		100
77) Pyrene	12.93	202	404219	38.42	ng		99
79) Butylbenzylphthalate	13.61	149	192731	42.36	ng		99
80) Benzo(a)anthracene	14.24	228	372663	37.81	ng		99
81) 3,3'-Dichlorobenzidine	14.20	252	82522	25.75	ng		99
82) Chrysene	14.28	228	352212	38.16	ng		99
83) Bis(2-ethylhexyl)phthalate	14.26	149	283199	41.30	ng	#	98
84) Di-n-octyl phthalate	15.00	149	443370	40.15	ng	#	99
85) Indeno(1,2,3-cd)pyrene	17.41	276	408206	39.49	ng		99
87) Benzo(b)fluoranthene	15.47	252	334912	37.29	ng		99
88) Benzo(k)fluoranthene	15.51	252	342887m	42.64	ng		
89) Benzo(a)pyrene	15.85	252	329106	40.74	ng		98
90) Dibenzo(a,h)anthracene	17.44	278	342574	40.26	ng		97
91) Benzo(g,h,i)perylene	17.86	276	357258	41.35	ng		99

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

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