Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079457.D
Acq On : 23 May 2015 5:31
Operator : TP/IZ
Sample : G2289-13MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-31SMS

Manual Integrations APPROVED
apatel
5/27/2015 8:17:21 AM

Quant Time: May 23 06:58:13 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 23 06:56:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	63102	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	258808	20.00	ng		0.00
38) Acenaphthene-d10	10.80	164	125248	20.00	ng		0.00
63) Phenanthrene-d10	12.63	188	223567	20.00	ng		0.00
75) Chrysene-d12	15.92	240	219236	20.00	ng		0.01
86) Perylene-d12	17.65	264	225383	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	614537m	167.64	ng		0.01
7) Phenol-d6	6.64	99	813769	167.94	ng		0.01
23) Nitrobenzene-d5	7.75	82	441249	97.99	ng		0.00
41) 2,4,6-Tribromophenol	11.78	330	233869	172.60	ng		0.00
44) 2-Fluorobiphenyl	9.98	172	862083	95.89	ng		0.00
78) Terphenyl-d14	14.63	244	930781	101.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	69240m	43.44	ng		
3) Pyridine	2.58	79	196574m	42.14	ng		
4) n-Nitrosodimethylamine	2.51	42	90103m	45.08	ng		
6) Aniline	6.64	93	107468m	15.71	ng		
8) 2-Chlorophenol	6.79	128	224559	54.01	ng		82
9) Benzaldehyde	6.50	77	40541m	12.42	ng		
10) Phenol	6.65	94	299012	53.19	ng		93
11) bis(2-Chloroethyl)ether	6.75	93	207468	50.35	ng		99
12) 1,3-Dichlorobenzene	6.97	146	239601	51.27	ng	#	94
13) 1,4-Dichlorobenzene	7.07	146	245029	50.95	ng		98
14) 1,2-Dichlorobenzene	7.26	146	237380	53.02	ng		97
15) Benzyl Alcohol	7.24	79	188931m	52.52	ng		
16) 2,2'-oxybis(1-Chloropropan	7.42	45	304665	48.32	ng		93
17) 2-Methylphenol	7.39	107	179868	53.76	ng	#	93
18) Hexachloroethane	7.67	117	81876	49.43	ng		95
19) n-Nitroso-di-n-propylamine	7.58	70	161385	49.31	ng		96
20) 3+4-Methylphenols	7.60	107	248997	55.85	ng	#	44
22) Acetophenone	7.56	105	321077	54.91	ng	#	88
24) Nitrobenzene	7.77	77	231653	51.90	ng		93
25) Isophorone	8.08	82	432792	51.84	ng		99
26) 2-Nitrophenol	8.17	139	112765	61.04	ng		93
27) 2,4-Dimethylphenol	8.24	122	205411	55.56	ng		95
28) bis(2-Chloroethoxy)methane	8.35	93	263812	51.26	ng		99
29) 2,4-Dichlorophenol	8.47	162	194797	59.26	ng		95
30) 1,2,4-Trichlorobenzene	8.56	180	191780	53.11	ng		97
31) Naphthalene	8.65	128	656222	53.21	ng		100
32) Benzoic acid	8.36	122	44736	23.09	ng		98
33) 4-Chloroaniline	8.74	127	84227	16.14	ng	#	92
34) Hexachlorobutadiene	8.81	225	106816	51.36	ng		98
35) Caprolactam	9.18	113	58881m	55.39	ng		
36) 4-Chloro-3-methylphenol	9.36	107	201810	58.45	ng		96
37) 2-Methylnaphthalene	9.52	142	451602	52.85	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	180514	51.17	ng		98
40) Hexachlorocyclopentadiene	9.70	237	97417	54.92	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	127054	52.39	ng		99
43) 2,4,5-Trichlorophenol	9.92	196	130013	53.03	ng	#	81
45) 1,1'-Biphenyl	10.10	154	537262	53.96	ng		99
46) 2-Chloronaphthalene	10.11	162	412290	53.09	ng		96
47) 2-Nitroaniline	10.25	65	119019	52.89	ng		89
48) Acenaphthylene	10.63	152	666129	52.24	ng		98
49) Dimethylphthalate	10.49	163	607440	66.08	ng		100
50) 2,6-Dinitrotoluene	10.57	165	101398	55.89	ng		96
51) Acenaphthene	10.83	154	380806	50.08	ng		100
52) 3-Nitroaniline	10.76	138	59103	26.08	ng		93
53) 2,4-Dinitrophenol	10.91	184	33763	55.67	ng	#	61
54) Dibenzofuran	11.05	168	574781	52.33	ng		98
55) 4-Nitrophenol	11.00	139	141767	79.04	ng	#	71
56) 2,4-Dinitrotoluene	11.06	165	135997	56.71	ng		87
57) Fluorene	11.47	166	470144	52.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.21	232	100597	50.21	ng		100
59) Diethylphthalate	11.37	149	472325	51.87	ng		95
60) 4-Chlorophenyl-phenylether	11.49	204	203235	50.81	ng		94
61) 4-Nitroaniline	11.52	138	92960	41.00	ng		99
62) Azobenzene	11.68	77	462376	51.53	ng		98
64) 4,6-Dinitro-2-methylphenol	11.57	198	43946	47.39	ng	#	68
65) n-Nitrosodiphenylamine	11.63	169	396811	53.30	ng		100
66) 4-Bromophenyl-phenylether	12.09	248	130835	56.14	ng		93
67) Hexachlorobenzene	12.15	284	145813	54.75	ng	#	83
68) Atrazine	12.32	200	128073	59.15	ng		95
69) Pentachlorophenol	12.41	266	117480	75.78	ng		98
70) Phenanthrene	12.66	178	687115	54.94	ng		99
71) Anthracene	12.73	178	696415	56.76	ng		99
72) Carbazole	12.94	167	646441	55.28	ng		99
73) Di-n-butylphthalate	13.39	149	790057	56.33	ng		98
74) Fluoranthene	14.14	202	761155	58.40	ng		97
76) Benzidine	14.32	184	259571	43.93	ng		97
77) Pyrene	14.41	202	768829	60.86	ng		99
79) Butylbenzylphthalate	15.25	149	333183	60.33	ng		93
80) Benzo(a)anthracene	15.91	228	693417	57.76	ng		99
81) 3,3'-Dichlorobenzidine	15.89	252	190902	44.64	ng	#	98
82) Chrysene	15.94	228	644902	55.85	ng		99
83) Bis(2-ethylhexyl)phthalate	15.97	149	489065	58.47	ng	#	98
84) Di-n-octyl phthalate	16.75	149	802720	54.49	ng		96
85) Indeno(1,2,3-cd)pyrene	18.98	276	831044	56.49	ng		100
87) Benzo(b)fluoranthene	17.20	252	689229	55.87	ng		98
88) Benzo(k)fluoranthene	17.23	252	694404m	58.14	ng		
89) Benzo(a)pyrene	17.58	252	664268	58.48	ng	#	98
90) Dibenzo(a,h)anthracene	19.01	278	670473	55.54	ng		98
91) Benzo(g,h,i)perylene	19.37	276	696040	57.53	ng	#	94

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

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