Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079458.D
Acq On : 23 May 2015 6:00
Operator : TP/IZ
Sample : G2289-13MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Manual Integrations APPROVED
apatel
5/27/2015 8:17:31 AM

Quant Time: May 23 07:00:51 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	65034	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	262198	20.00	ng		0.00
38) Acenaphthene-d10	10.80	164	124928	20.00	ng		0.00
63) Phenanthrene-d10	12.63	188	232910	20.00	ng		0.00
75) Chrysene-d12	15.91	240	220246	20.00	ng		0.00
86) Perylene-d12	17.63	264	229662	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	569470m	150.73	ng		0.01
7) Phenol-d6	6.64	99	731762	146.53	ng		0.01
23) Nitrobenzene-d5	7.75	82	397188	87.06	ng		0.00
41) 2,4,6-Tribromophenol	11.78	330	206704	152.95	ng		0.00
44) 2-Fluorobiphenyl	9.98	172	801963	89.44	ng		0.00
78) Terphenyl-d14	14.63	244	869648	94.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	68148m	41.49	ng		
3) Pyridine	2.58	79	195770m	40.72	ng		
4) n-Nitrosodimethylamine	2.51	42	84583m	41.06	ng		
6) Aniline	6.64	93	136408m	19.35	ng		
8) 2-Chlorophenol	6.79	128	206404	48.17	ng	#	82
9) Benzaldehyde	6.50	77	36550m	10.86	ng		
10) Phenol	6.65	94	275052	47.48	ng		90
11) bis(2-Chloroethyl)ether	6.75	93	193043	45.45	ng		98
12) 1,3-Dichlorobenzene	6.97	146	222291	46.15	ng	#	94
13) 1,4-Dichlorobenzene	7.07	146	224957	45.39	ng		98
14) 1,2-Dichlorobenzene	7.26	146	212293	46.01	ng		99
15) Benzyl Alcohol	7.24	79	174507m	47.07	ng		
16) 2,2'-oxybis(1-Chloropropan	7.42	45	277068	42.64	ng		92
17) 2-Methylphenol	7.39	107	164757	47.78	ng	#	93
18) Hexachloroethane	7.67	117	77441	45.36	ng		93
19) n-Nitroso-di-n-propylamine	7.58	70	146107	43.32	ng		98
20) 3+4-Methylphenols	7.60	107	223592	48.66	ng	#	43
22) Acetophenone	7.56	105	292867	49.44	ng	#	88
24) Nitrobenzene	7.77	77	211428	46.75	ng		93
25) Isophorone	8.08	82	389418	46.04	ng		98
26) 2-Nitrophenol	8.17	139	101077	54.00	ng		95
27) 2,4-Dimethylphenol	8.24	122	188628	50.36	ng		96
28) bis(2-Chloroethoxy)methane	8.35	93	243535	46.71	ng		98
29) 2,4-Dichlorophenol	8.47	162	178271	53.53	ng		95
30) 1,2,4-Trichlorobenzene	8.56	180	173086	47.31	ng		98
31) Naphthalene	8.65	128	611142	48.92	ng		100
32) Benzoic acid	8.35	122	34137	18.95	ng		97
33) 4-Chloroaniline	8.74	127	101157	19.14	ng	#	91
34) Hexachlorobutadiene	8.81	225	97867	46.45	ng		99
35) Caprolactam	9.16	113	50987m	47.34	ng		
36) 4-Chloro-3-methylphenol	9.36	107	181179	51.79	ng		100
37) 2-Methylnaphthalene	9.51	142	419193	48.42	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	166391	47.29	ng		98
40) Hexachlorocyclopentadiene	9.70	237	88850	50.22	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	114452	47.32	ng		99
43) 2,4,5-Trichlorophenol	9.92	196	120214	49.16	ng	#	85
45) 1,1'-Biphenyl	10.09	154	475304	47.86	ng		96
46) 2-Chloronaphthalene	10.11	162	378716	48.89	ng		96
47) 2-Nitroaniline	10.25	65	110504	49.23	ng		88
48) Acenaphthylene	10.62	152	612491	48.15	ng		99
49) Dimethylphthalate	10.49	163	503515	54.92	ng		99
50) 2,6-Dinitrotoluene	10.56	165	89705	49.58	ng	#	44
51) Acenaphthene	10.83	154	361453	47.65	ng		99
52) 3-Nitroaniline	10.76	138	71199	31.50	ng		89
53) 2,4-Dinitrophenol	10.91	184	24773	45.90	ng	#	62
54) Dibenzofuran	11.05	168	537482	49.06	ng		98
55) 4-Nitrophenol	10.99	139	127250	71.13	ng		99
56) 2,4-Dinitrotoluene	11.06	165	127305	53.22	ng		96
57) Fluorene	11.47	166	435133	48.39	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.21	232	91041	45.56	ng		99
59) Diethylphthalate	11.36	149	422445	46.51	ng		97
60) 4-Chlorophenyl-phenylether	11.48	204	190220	47.68	ng		97
61) 4-Nitroaniline	11.52	138	91740	40.57	ng		96
62) Azobenzene	11.68	77	417613	46.66	ng		99
64) 4,6-Dinitro-2-methylphenol	11.56	198	36896	40.57	ng		69
65) n-Nitrosodiphenylamine	11.63	169	365360	47.10	ng		99
66) 4-Bromophenyl-phenylether	12.09	248	119083	49.05	ng		91
67) Hexachlorobenzene	12.15	284	136568	49.22	ng	#	78
68) Atrazine	12.32	200	117018	51.88	ng		93
69) Pentachlorophenol	12.41	266	109134	68.32	ng		98
70) Phenanthrene	12.66	178	739152	56.73	ng		99
71) Anthracene	12.73	178	666519	52.14	ng		99
72) Carbazole	12.94	167	616711	50.62	ng		100
73) Di-n-butylphthalate	13.39	149	724653	49.60	ng		99
74) Fluoranthene	14.14	202	806037	59.37	ng		96
76) Benzidine	14.32	184	288079	48.53	ng		99
77) Pyrene	14.41	202	792931	62.48	ng		99
79) Butylbenzylphthalate	15.25	149	307877	55.50	ng		95
80) Benzo(a)anthracene	15.90	228	663540	55.02	ng		99
81) 3,3'-Dichlorobenzidine	15.89	252	188547	43.89	ng		99
82) Chrysene	15.94	228	617942	53.27	ng		99
83) Bis(2-ethylhexyl)phthalate	15.97	149	453877	54.01	ng	#	99
84) Di-n-octyl phthalate	16.75	149	737606	49.84	ng		96
85) Indeno(1,2,3-cd)pyrene	18.97	276	772738	52.28	ng		100
87) Benzo(b)fluoranthene	17.19	252	711014	56.56	ng		99
88) Benzo(k)fluoranthene	17.22	252	595417m	48.93	ng		
89) Benzo(a)pyrene	17.58	252	646972	55.90	ng		98
90) Dibenzo(a,h)anthracene	18.99	278	616837	50.14	ng		99
91) Benzo(g,h,i)perylene	19.36	276	650279	52.74	ng	#	93

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

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