Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042815\
Data File : BF078796.D
Acq On : 29 Apr 2015 1:40
Operator : TP/IZ
Sample : G2007-06MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-117-42315MSD

Manual Integrations APPROVED
apatel
4/29/2015 3:53:34 PM

Quant Time: Apr 29 13:01:25 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 11:41:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	97879	20.00	ng		0.00
21) Naphthalene-d8	8.97	136	402334	20.00	ng		0.00
38) Acenaphthene-d10	11.14	164	183966	20.00	ng		0.00
63) Phenanthrene-d10	12.99	188	346624	20.00	ng		0.00
75) Chrysene-d12	16.30	240	352107	20.00	ng		-0.01
86) Perylene-d12	18.00	264	331688	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	327649	61.48	ng		0.01
7) Phenol-d6	6.94	99	257323	36.15	ng		0.00
23) Nitrobenzene-d5	8.08	82	562184	100.60	ng		0.00
41) 2,4,6-Tribromophenol	12.13	330	260417	141.88	ng		0.00
44) 2-Fluorobiphenyl	10.32	172	1299616	96.74	ng		0.00
78) Terphenyl-d14	14.99	244	1297535	87.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	38834	15.88	ng	#	12
3) Pyridine	3.19	79	93710	12.98	ng		98
4) n-Nitrosodimethylamine	3.08	42	56606m	17.45	ng		
6) Aniline	6.98	93	92354	8.88	ng		98
8) 2-Chlorophenol	7.12	128	229651	37.49	ng		99
9) Benzaldehyde	6.84	77	37826	7.36	ng		97
10) Phenol	6.95	94	109337	13.00	ng		97
11) bis(2-Chloroethyl)ether	7.07	93	290959	46.77	ng		99
12) 1,3-Dichlorobenzene	7.31	146	300237	42.21	ng		99
13) 1,4-Dichlorobenzene	7.42	146	313736	43.08	ng		98
14) 1,2-Dichlorobenzene	7.60	146	306430	45.04	ng		100
15) Benzyl Alcohol	7.56	79	157198	29.64	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.75	45	473098	48.64	ng		99
17) 2-Methylphenol	7.70	107	148175	29.88	ng		97
18) Hexachloroethane	8.02	117	104622	43.50	ng		96
19) n-Nitroso-di-n-propylamine	7.91	70	237129	47.75	ng	#	83
20) 3+4-Methylphenols	7.90	107	176418	27.31	ng	#	58
22) Acetophenone	7.90	105	449237	50.40	ng		98
24) Nitrobenzene	8.10	77	308993	51.63	ng		97
25) Isophorone	8.40	82	590407	46.73	ng		99
26) 2-Nitrophenol	8.50	139	94157	53.65	ng		99
27) 2,4-Dimethylphenol	8.55	122	196507	35.07	ng		98
28) bis(2-Chloroethoxy)methane	8.68	93	369749	47.40	ng		99
29) 2,4-Dichlorophenol	8.79	162	213378	44.54	ng		98
30) 1,2,4-Trichlorobenzene	8.90	180	254739	46.31	ng		98
31) Naphthalene	8.99	128	848367	44.43	ng		99
32) Benzoic acid	8.60	122	19586	11.52	ng		98
33) 4-Chloroaniline	9.06	127	107714	13.40	ng		99
34) Hexachlorobutadiene	9.15	225	138130	44.50	ng		99
35) Caprolactam	9.48	113	8814	5.78	ng		95
36) 4-Chloro-3-methylphenol	9.66	107	212668	42.28	ng		99
37) 2-Methylnaphthalene	9.85	142	615818	47.93	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	240820	46.20	ng	#	100
40) Hexachlorocyclopentadiene	10.04	237	219125	100.01	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.20	196	148566	46.78	ng		97
43) 2,4,5-Trichlorophenol	10.24	196	156977	46.44	ng	#	94
45) 1,1'-Biphenyl	10.43	154	717485	48.60	ng		99
46) 2-Chloronaphthalene	10.46	162	547833	47.48	ng		99
47) 2-Nitroaniline	10.58	65	135529	53.78	ng		95
48) Acenaphthylene	10.97	152	885705	46.91	ng		99
49) Dimethylphthalate	10.82	163	661904	50.61	ng		99
50) 2,6-Dinitrotoluene	10.89	165	121175	56.87	ng		95
51) Acenaphthene	11.19	154	552637	49.84	ng		99
52) 3-Nitroaniline	11.10	138	60042	21.72	ng		95
53) 2,4-Dinitrophenol	11.22	184	42337	124.90	ng	#	79
54) Dibenzofuran	11.40	168	829728	51.01	ng		99
55) 4-Nitrophenol	11.29	139	73448	36.95	ng		94
56) 2,4-Dinitrotoluene	11.39	165	156869	57.51	ng	#	64
57) Fluorene	11.83	166	639498	49.18	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.55	232	127175	50.24	ng	#	100
59) Diethylphthalate	11.70	149	700014	53.79	ng		99
60) 4-Chlorophenyl-phenylether	11.84	204	296070	51.17	ng		99
61) 4-Nitroaniline	11.85	138	100407	37.00	ng		97
62) Azobenzene	12.03	77	715332	53.91	ng		98
64) 4,6-Dinitro-2-methylphenol	11.88	198	36673	59.24	ng		88
65) n-Nitrosodiphenylamine	11.99	169	548757	48.97	ng		98
66) 4-Bromophenyl-phenylether	12.45	248	176637	50.48	ng		93
67) Hexachlorobenzene	12.50	284	200235	50.52	ng		97
68) Atrazine	12.65	200	167864	55.93	ng		98
69) Pentachlorophenol	12.75	266	185048	86.59	ng		98
70) Phenanthrene	13.03	178	953996	50.83	ng		99
71) Anthracene	13.09	178	921454	50.22	ng		100
72) Carbazole	13.29	167	928661	53.60	ng		99
73) Di-n-butylphthalate	13.74	149	1091757	54.39	ng		99
74) Fluoranthene	14.50	202	984067	52.58	ng		99
76) Benzidine	14.69	184	184899	16.22	ng		100
77) Pyrene	14.79	202	1044130	50.75	ng		99
79) Butylbenzylphthalate	15.61	149	457349	57.97	ng		95
80) Benzo(a)anthracene	16.27	228	949774	50.28	ng		99
81) 3,3'-Dichlorobenzidine	16.25	252	83487	12.98	ng	#	96
82) Chrysene	16.32	228	898053	48.77	ng		99
83) Bis(2-ethylhexyl)phthalate	16.33	149	700949	55.35	ng		99
84) Di-n-octyl phthalate	17.11	149	1149182	54.77	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.52	276	1095568	52.44	ng	#	100
87) Benzo(b)fluoranthene	17.55	252	931377	51.87	ng	#	97
88) Benzo(k)fluoranthene	17.59	252	947016m	54.43	ng		
89) Benzo(a)pyrene	17.93	252	894268	55.67	ng	#	94
90) Dibenzo(a,h)anthracene	19.55	278	897043	53.92	ng		98
91) Benzo(g,h,i)perylene	19.98	276	899026	53.84	ng		97

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

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