Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086991.D
Acq On : 14 May 2016 1:15
Operator : UM/SJ
Sample : H2945-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

Manual Integrations APPROVED
sohil
5/14/2016 10:00:41 AM

Quant Time: May 14 01:54:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 23:02:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	137535	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	553517	20.00	ng		-0.01
38) Acenaphthene-d10	9.66	164	274970	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	538948	20.00	ng		0.00
75) Chrysene-d12	13.76	240	414156	20.00	ng		0.00
86) Perylene-d12	15.11	264	340289	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	986654	121.49	ng		0.02
7) Phenol-d6	6.28	99	1226833	113.03	ng		0.00
23) Nitrobenzene-d5	7.19	82	925438	83.95	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	395865	135.99	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1421171	86.86	ng		0.00
78) Terphenyl-d14	12.71	244	1478056	75.72	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	132871	33.33	ng	#	65
3) Pyridine	2.87	79	296522m	30.42	ng		
4) n-Nitrosodimethylamine	2.78	42	304519	43.08	ng	#	49
6) Aniline	6.28	93	162551	12.38	ng	#	6
8) 2-Chlorophenol	6.41	128	390489	39.85	ng		97
9) Benzaldehyde	6.17	77	22343	3.55	ng		97
10) Phenol	6.30	94	501325	38.86	ng		72
11) bis(2-Chloroethyl)ether	6.36	93	435442	43.29	ng		92
12) 1,3-Dichlorobenzene	6.55	146	364701m	34.39	ng		
13) 1,4-Dichlorobenzene	6.63	146	375114m	34.68	ng		
14) 1,2-Dichlorobenzene	6.79	146	351999	37.34	ng		97
15) Benzyl Alcohol	6.78	79	372411	49.69	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	6.90	45	819054	37.45	ng		57
17) 2-Methylphenol	6.90	107	318648	40.86	ng	#	79
18) Hexachloroethane	7.12	117	140687	34.58	ng		98
19) n-Nitroso-di-n-propylamine	7.05	70	346843	45.73	ng	#	76
20) 3+4-Methylphenols	7.06	107	446937	43.88	ng	#	61
22) Acetophenone	7.04	105	595583	45.55	ng		99
24) Nitrobenzene	7.21	77	506537	44.67	ng		97
25) Isophorone	7.45	82	871557	42.61	ng		99
26) 2-Nitrophenol	7.53	139	215288	43.19	ng		96
27) 2,4-Dimethylphenol	7.59	122	364292	42.90	ng		93
28) bis(2-Chloroethoxy)methane	7.67	93	520809	47.21	ng		98
29) 2,4-Dichlorophenol	7.78	162	335348	44.87	ng		94
30) 1,2,4-Trichlorobenzene	7.85	180	346853	41.51	ng		99
31) Naphthalene	7.92	128	1108853	40.00	ng		99
32) Benzoic acid	7.75	122	238369	47.80	ng		88
33) 4-Chloroaniline	7.99	127	127869	11.87	ng	#	93
34) Hexachlorobutadiene	8.04	225	189427	39.07	ng		99
35) Caprolactam	8.38	113	93175m	36.64	ng		
36) 4-Chloro-3-methylphenol	8.49	107	377693	41.67	ng		89
37) 2-Methylnaphthalene	8.62	142	787881	48.61	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	318986	39.90	ng		99
40) Hexachlorocyclopentadiene	8.76	237	252133	66.44	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	221131	41.36	ng		95
43) 2,4,5-Trichlorophenol	8.96	196	246759	44.63	ng		96
45) 1,1'-Biphenyl	9.08	154	991258	45.32	ng		100
46) 2-Chloronaphthalene	9.11	162	730134	42.61	ng		98
47) 2-Nitroaniline	9.21	65	280948	44.86	ng	#	74
48) Acenaphthylene	9.52	152	1116963	44.32	ng		99
49) Dimethylphthalate	9.39	163	879597	41.93	ng		99
50) 2,6-Dinitrotoluene	9.45	165	193919	43.92	ng	#	64
51) Acenaphthene	9.68	154	706809	45.08	ng		98
52) 3-Nitroaniline	9.62	138	106754	22.97	ng	#	77
53) 2,4-Dinitrophenol	9.74	184	207679	90.89	ng	#	80
54) Dibenzofuran	9.86	168	1016782	50.52	ng		100
55) 4-Nitrophenol	9.82	139	250116	80.66	ng	#	48
56) 2,4-Dinitrotoluene	9.86	165	265234	48.55	ng		91
57) Fluorene	10.19	166	752781	43.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	215906	51.87	ng		97
59) Diethylphthalate	10.09	149	873754	42.74	ng		98
60) 4-Chlorophenyl-phenylether	10.19	204	342380	46.14	ng		98
61) 4-Nitroaniline	10.24	138	192617	43.15	ng	#	66
62) Azobenzene	10.35	77	1065258	48.30	ng		87
64) 4,6-Dinitro-2-methylphenol	10.27	198	148131	44.24	ng		91
65) n-Nitrosodiphenylamine	10.32	169	724017	43.73	ng		100
66) 4-Bromophenyl-phenylether	10.68	248	235423	43.08	ng	#	82
67) Hexachlorobenzene	10.74	284	255882	40.07	ng	#	77
68) Atrazine	10.86	200	248265	44.89	ng		94
69) Pentachlorophenol	10.95	266	281783	95.48	ng		99
70) Phenanthrene	11.15	178	1218798	42.38	ng		100
71) Anthracene	11.20	178	1262317	42.91	ng		99
72) Carbazole	11.37	167	1243256	49.17	ng		99
73) Di-n-butylphthalate	11.70	149	1276141	41.33	ng	#	98
74) Fluoranthene	12.33	202	1197933	40.50	ng		99
76) Benzidine	12.47	184	108848	10.31	ng		97
77) Pyrene	12.56	202	1244300	39.24	ng		99
79) Butylbenzylphthalate	13.19	149	546940	40.78	ng	#	69
80) Benzo(a)anthracene	13.75	228	1024612	44.07	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	205060	13.88	ng		98
82) Chrysene	13.78	228	987082	41.74	ng		98
83) Bis(2-ethylhexyl)phthalate	13.75	149	673904	41.77	ng	#	95
84) Di-n-octyl phthalate	14.37	149	1274034	47.68	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.37	276	864166	43.92	ng		94
87) Benzo(b)fluoranthene	14.74	252	1222968m	55.30	ng		
88) Benzo(k)fluoranthene	14.78	252	643584m	35.54	ng		
89) Benzo(a)pyrene	15.06	252	849685	44.54	ng		98
90) Dibenzo(a,h)anthracene	16.38	278	719102	44.73	ng	#	93
91) Benzo(g,h,i)perylene	16.73	276	741850	45.41	ng		95

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

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