Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086990.D
Acq On : 14 May 2016 00:46
Operator : UM/SJ
Sample : H2945-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations APPROVED
sohil
5/14/2016 10:00:36 AM

Quant Time: May 14 01:51:47 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	139111	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	559478	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	273113	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	543729	20.00	ng		0.00
75) Chrysene-d12	13.76	240	415372	20.00	ng		0.00
86) Perylene-d12	15.11	264	317006	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1066907	129.88	ng		0.02
7) Phenol-d6	6.28	99	1389474	126.57	ng		0.00
23) Nitrobenzene-d5	7.19	82	1032755	92.69	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	436699	151.04	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1499225	92.26	ng		0.00
78) Terphenyl-d14	12.72	244	1657801	84.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	147113	36.48	ng	#	67
3) Pyridine	2.90	79	241383m	24.48	ng		
4) n-Nitrosodimethylamine	2.80	42	317881	44.46	ng	#	52
6) Aniline	6.30	93	73369	5.53	ng	#	1
8) 2-Chlorophenol	6.41	128	421886	42.56	ng		96
9) Benzaldehyde	6.17	77	29217	4.60	ng		97
10) Phenol	6.30	94	506321	38.80	ng	#	70
11) bis(2-Chloroethyl)ether	6.36	93	475270	46.71	ng		89
12) 1,3-Dichlorobenzene	6.55	146	353149m	32.92	ng		
13) 1,4-Dichlorobenzene	6.63	146	369775m	33.80	ng		
14) 1,2-Dichlorobenzene	6.79	146	345570	36.25	ng		97
15) Benzyl Alcohol	6.78	79	405676	53.51	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	6.90	45	879261	39.75	ng		56
17) 2-Methylphenol	6.90	107	354558	44.95	ng	#	79
18) Hexachloroethane	7.12	117	134254	32.62	ng		98
19) n-Nitroso-di-n-propylamine	7.05	70	388523	50.64	ng	#	74
20) 3+4-Methylphenols	7.06	107	484944	47.08	ng	#	61
22) Acetophenone	7.04	105	642797	48.64	ng		100
24) Nitrobenzene	7.21	77	558027	48.69	ng		97
25) Isophorone	7.45	82	936681	45.31	ng		98
26) 2-Nitrophenol	7.53	139	240990	47.83	ng	#	95
27) 2,4-Dimethylphenol	7.59	122	402894	46.94	ng		92
28) bis(2-Chloroethoxy)methane	7.67	93	551008	49.41	ng		98
29) 2,4-Dichlorophenol	7.78	162	364296	48.23	ng		94
30) 1,2,4-Trichlorobenzene	7.85	180	345604	40.92	ng		98
31) Naphthalene	7.92	128	1130603	40.35	ng		99
32) Benzoic acid	7.75	122	247035	49.01	ng	#	81
33) 4-Chloroaniline	7.99	127	78016	7.16	ng	#	90
34) Hexachlorobutadiene	8.04	225	183224	37.39	ng		99
35) Caprolactam	8.38	113	101594m	39.53	ng		
36) 4-Chloro-3-methylphenol	8.49	107	408462	44.59	ng		90
37) 2-Methylnaphthalene	8.62	142	812296	49.58	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	319321	40.21	ng		97
40) Hexachlorocyclopentadiene	8.76	237	249058	66.08	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	239896	45.18	ng		95
43) 2,4,5-Trichlorophenol	8.96	196	268079	48.82	ng		96
45) 1,1'-Biphenyl	9.08	154	1030871	47.45	ng		100
46) 2-Chloronaphthalene	9.10	162	757706	44.52	ng		92
47) 2-Nitroaniline	9.21	65	297838	47.88	ng	#	74
48) Acenaphthylene	9.52	152	1198463	47.87	ng		99
49) Dimethylphthalate	9.39	163	950954	45.64	ng		99
50) 2,6-Dinitrotoluene	9.45	165	209683	47.82	ng	#	68
51) Acenaphthene	9.68	154	739565	47.49	ng		98
52) 3-Nitroaniline	9.62	138	104357	22.61	ng	#	81
53) 2,4-Dinitrophenol	9.74	184	223010	97.64	ng	#	76
54) Dibenzofuran	9.86	168	1097025	54.88	ng		99
55) 4-Nitrophenol	9.82	139	273084	88.22	ng	#	48
56) 2,4-Dinitrotoluene	9.86	165	284450	52.42	ng	#	92
57) Fluorene	10.19	166	826098	48.46	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	234675	56.76	ng		99
59) Diethylphthalate	10.09	149	916305	45.13	ng		98
60) 4-Chlorophenyl-phenylether	10.19	204	368803	51.55	ng		97
61) 4-Nitroaniline	10.24	138	212227	47.87	ng	#	67
62) Azobenzene	10.35	77	1142669	52.16	ng		88
64) 4,6-Dinitro-2-methylphenol	10.27	198	165565	49.02	ng		90
65) n-Nitrosodiphenylamine	10.32	169	754724	45.18	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	253930	46.06	ng	#	81
67) Hexachlorobenzene	10.74	284	279867	43.44	ng	#	78
68) Atrazine	10.86	200	252239	45.20	ng		94
69) Pentachlorophenol	10.95	266	313320	105.23	ng		96
70) Phenanthrene	11.15	178	1285462	44.30	ng		99
71) Anthracene	11.21	178	1397811	47.10	ng		99
72) Carbazole	11.37	167	1290463	50.59	ng		99
73) Di-n-butylphthalate	11.70	149	1359754	43.65	ng	#	98
74) Fluoranthene	12.33	202	1275070	42.72	ng		99
76) Benzidine	12.47	184	53239	5.03	ng		99
77) Pyrene	12.56	202	1286675	40.46	ng		98
79) Butylbenzylphthalate	13.19	149	587402	43.67	ng	#	66
80) Benzo(a)anthracene	13.75	228	1067375	45.77	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	178399	12.04	ng		99
82) Chrysene	13.78	228	1014892	42.79	ng		99
83) Bis(2-ethylhexyl)phthalate	13.75	149	727960	44.99	ng	#	94
84) Di-n-octyl phthalate	14.37	149	1320775	49.28	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.37	276	863144	43.74	ng		95
87) Benzo(b)fluoranthene	14.74	252	1224823m	59.45	ng		
88) Benzo(k)fluoranthene	14.78	252	681889m	40.42	ng		
89) Benzo(a)pyrene	15.06	252	851658	47.93	ng		98
90) Dibenzo(a,h)anthracene	16.38	278	723126	48.28	ng	#	92
91) Benzo(g,h,i)perylene	16.73	276	743247	48.84	ng		94

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

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