Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085038.D
Acq On : 12 Feb 2016 3:44
Operator : SJ/IZ
Sample : H1410-01MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B004(16-18)MS

Manual Integrations APPROVED
Sohil
2/12/2016 12:27:44 PM

Quant Time: Feb 12 04:39:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	138763	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	587350	20.00	ng		-0.02
38) Acenaphthene-d10	9.64	164	274080	20.00	ng		-0.02
63) Phenanthrene-d10	11.13	188	532721	20.00	ng		-0.01
75) Chrysene-d12	13.76	240	315980	20.00	ng		-0.01
86) Perylene-d12	15.11	264	299265	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1109576	124.55	ng		0.01
7) Phenol-d6	6.27	99	1451006	131.38	ng		-0.01
23) Nitrobenzene-d5	7.19	82	945175	90.65	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	430592	150.62	ng		-0.01
44) 2-Fluorobiphenyl	8.98	172	1599077	108.05	ng		-0.01
78) Terphenyl-d14	12.72	244	1713735	122.90	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	154918	39.70	ng	#	67
3) Pyridine	2.83	79	404044	39.74	ng	#	74
4) n-Nitrosodimethylamine	2.76	42	237421	45.15	ng	#	79
6) Aniline	6.27	93	136052	10.07	ng	#	6
8) 2-Chlorophenol	6.40	128	483350	47.93	ng		93
9) Benzaldehyde	6.16	77	119202	18.28	ng	#	69
10) Phenol	6.28	94	475160	38.40	ng		97
11) bis(2-Chloroethyl)ether	6.36	93	475501	49.28	ng		92
12) 1,3-Dichlorobenzene	6.55	146	450282	42.26	ng	#	94
13) 1,4-Dichlorobenzene	6.63	146	483382	45.39	ng		95
14) 1,2-Dichlorobenzene	6.79	146	420738	42.41	ng		94
15) Benzyl Alcohol	6.78	79	417224	54.71	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	721591	44.46	ng		68
17) 2-Methylphenol	6.90	107	371785	46.62	ng	#	85
18) Hexachloroethane	7.12	117	197243	48.09	ng		97
19) n-Nitroso-di-n-propylamine	7.05	70	360668	52.10	ng	#	83
20) 3+4-Methylphenols	7.05	107	506966	51.21	ng	#	84
22) Acetophenone	7.04	105	722304	46.66	ng	#	96
24) Nitrobenzene	7.21	77	532594	47.70	ng	#	88
25) Isophorone	7.45	82	952653	46.99	ng		98
26) 2-Nitrophenol	7.52	139	249669	45.34	ng	#	82
27) 2,4-Dimethylphenol	7.58	122	427894	44.67	ng		95
28) bis(2-Chloroethoxy)methane	7.67	93	615880	51.20	ng		99
29) 2,4-Dichlorophenol	7.77	162	410755	50.12	ng		98
30) 1,2,4-Trichlorobenzene	7.85	180	414074	44.73	ng	#	94
31) Naphthalene	7.92	128	1401203	47.56	ng		99
32) Benzoic acid	7.70	122	92371	15.08	ng		92
33) 4-Chloroaniline	7.98	127	90825	7.45	ng		97
34) Hexachlorobutadiene	8.04	225	243455	45.61	ng		99
35) Caprolactam	8.36	113	117750m	46.61	ng		
36) 4-Chloro-3-methylphenol	8.49	107	490484	52.46	ng		99
37) 2-Methylnaphthalene	8.62	142	1025734	55.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	379124	43.55	ng		99
40) Hexachlorocyclopentadiene	8.76	237	277669	74.40	ng		98

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42) 2,4,6-Trichlorophenol	8.90	196	276387	49.29	ng		96
43) 2,4,5-Trichlorophenol	8.95	196	259229	45.49	ng	#	81
45) 1,1'-Biphenyl	9.08	154	1157988	47.30	ng		95
46) 2-Chloronaphthalene	9.10	162	830846	46.09	ng		96
47) 2-Nitroaniline	9.21	65	320175	56.09	ng	#	84
48) Acenaphthylene	9.51	152	1268916	46.38	ng		98
49) Dimethylphthalate	9.39	163	954262	45.71	ng	#	90
50) 2,6-Dinitrotoluene	9.45	165	200089	43.88	ng	#	47
51) Acenaphthene	9.68	154	792882	44.55	ng		96
52) 3-Nitroaniline	9.61	138	64135	12.52	ng		94
53) 2,4-Dinitrophenol	9.74	184	68339	35.92	ng		89
54) Dibenzofuran	9.86	168	1174202	53.98	ng		96
55) 4-Nitrophenol	9.80	139	234961	62.39	ng	#	72
56) 2,4-Dinitrotoluene	9.86	165	310019	53.30	ng		85
57) Fluorene	10.19	166	874908	48.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	237208	54.69	ng	#	86
59) Diethylphthalate	10.09	149	957185	46.96	ng		99
60) 4-Chlorophenyl-phenylether	10.19	204	403012	54.31	ng		95
61) 4-Nitroaniline	10.24	138	247196	49.50	ng		86
62) Azobenzene	10.35	77	1068550	54.52	ng		91
64) 4,6-Dinitro-2-methylphenol	10.26	198	76538	23.28	ng	#	54
65) n-Nitrosodiphenylamine	10.32	169	821045	48.54	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	287316	48.83	ng		99
67) Hexachlorobenzene	10.74	284	287637	44.86	ng	#	88
68) Atrazine	10.86	200	287261	53.77	ng		97
69) Pentachlorophenol	10.95	266	205323	68.14	ng		98
70) Phenanthrene	11.15	178	1353610	45.81	ng		97
71) Anthracene	11.21	178	1406444	47.24	ng		100
72) Carbazole	11.37	167	1335469	51.44	ng		98
73) Di-n-butylphthalate	11.70	149	1443591	43.68	ng	#	97
74) Fluoranthene	12.33	202	1227770	41.06	ng		98
76) Benzidine	12.47	184	341241	30.57	ng		97
77) Pyrene	12.56	202	1269517	52.48	ng		100
79) Butylbenzylphthalate	13.20	149	623327	56.80	ng	#	86
80) Benzo(a)anthracene	13.75	228	992510	50.61	ng		100
81) 3,3'-Dichlorobenzidine	13.71	252	73764	10.62	ng	#	91
82) Chrysene	13.78	228	878140m	46.18	ng		
83) Bis(2-ethylhexyl)phthalate	13.76	149	762743	55.85	ng		97
84) Di-n-octyl phthalate	14.37	149	1152317	51.14	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.37	276	957279	63.95	ng		98
87) Benzo(b)fluoranthene	14.75	252	1067389m	53.08	ng		
88) Benzo(k)fluoranthene	14.78	252	652711m	39.26	ng		
89) Benzo(a)pyrene	15.06	252	801013	46.75	ng	#	97
90) Dibenzo(a,h)anthracene	16.38	278	788361	54.66	ng		96
91) Benzo(g,h,i)perylene	16.74	276	810372	55.78	ng		97

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

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