Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085045.D
Acq On : 12 Feb 2016 6:58
Operator : SJ/IZ
Sample : H1361-03MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1MS

Manual Integrations APPROVED
Sohil
2/12/2016 12:31:47 PM

Quant Time: Feb 12 10:05:30 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	143509	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	585049	20.00	ng		-0.02
38) Acenaphthene-d10	9.64	164	281361	20.00	ng		-0.02
63) Phenanthrene-d10	11.13	188	525127	20.00	ng		-0.01
75) Chrysene-d12	13.76	240	314845	20.00	ng		-0.01
86) Perylene-d12	15.11	264	288870	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1109381	120.41	ng		0.01
7) Phenol-d6	6.27	99	1391402	121.82	ng		-0.01
23) Nitrobenzene-d5	7.19	82	974670	93.85	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	423785	144.40	ng		-0.01
44) 2-Fluorobiphenyl	8.98	172	1646621	108.67	ng		-0.01
78) Terphenyl-d14	12.72	244	1711709	123.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	157395	39.00	ng	#	67
3) Pyridine	2.82	79	351334	33.41	ng	#	74
4) n-Nitrosodimethylamine	2.76	42	226327	41.62	ng	#	82
6) Aniline	6.27	93	283867	20.31	ng	#	76
8) 2-Chlorophenol	6.40	128	494159	47.38	ng		93
9) Benzaldehyde	6.16	77	84772	12.57	ng		83
10) Phenol	6.28	94	491939	38.45	ng		97
11) bis(2-Chloroethyl)ether	6.36	93	475636	47.67	ng		94
12) 1,3-Dichlorobenzene	6.55	146	461963	41.93	ng	#	95
13) 1,4-Dichlorobenzene	6.63	146	494828	44.92	ng		95
14) 1,2-Dichlorobenzene	6.78	146	414857	40.44	ng		93
15) Benzyl Alcohol	6.78	79	404140	51.24	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	716604	42.69	ng		74
17) 2-Methylphenol	6.89	107	373720	45.31	ng	#	91
18) Hexachloroethane	7.12	117	185477	43.73	ng		97
19) n-Nitroso-di-n-propylamine	7.04	70	355501	49.65	ng	#	72
20) 3+4-Methylphenols	7.05	107	491658	48.03	ng		87
22) Acetophenone	7.04	105	709917	46.04	ng	#	95
24) Nitrobenzene	7.21	77	509717	45.83	ng	#	85
25) Isophorone	7.45	82	962795	47.68	ng		99
26) 2-Nitrophenol	7.52	139	246019	44.85	ng	#	82
27) 2,4-Dimethylphenol	7.58	122	435746	45.67	ng		96
28) bis(2-Chloroethoxy)methane	7.67	93	614385	51.28	ng		98
29) 2,4-Dichlorophenol	7.77	162	420498	51.51	ng		99
30) 1,2,4-Trichlorobenzene	7.84	180	411610	44.64	ng		98
31) Naphthalene	7.92	128	1338568	45.61	ng		100
32) Benzoic acid	7.69	122	72931	11.95	ng		93
33) 4-Chloroaniline	7.98	127	183800	15.14	ng		96
34) Hexachlorobutadiene	8.04	225	245625	46.20	ng		96
35) Caprolactam	8.36	113	97235m	38.64	ng		
36) 4-Chloro-3-methylphenol	8.48	107	457358	49.11	ng		93
37) 2-Methylnaphthalene	8.62	142	988865	53.84	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	362969	40.62	ng		99
40) Hexachlorocyclopentadiene	8.76	237	264603	70.51	ng		97

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42) 2,4,6-Trichlorophenol	8.90	196	276972	48.11	ng		96
43) 2,4,5-Trichlorophenol	8.95	196	264696	45.25	ng	#	84
45) 1,1'-Biphenyl	9.08	154	1154972	45.96	ng		95
46) 2-Chloronaphthalene	9.10	162	810073	43.77	ng		96
47) 2-Nitroaniline	9.21	65	307228	52.43	ng	#	74
48) Acenaphthylene	9.51	152	1236171	44.02	ng		98
49) Dimethylphthalate	9.39	163	959390	44.77	ng	#	90
50) 2,6-Dinitrotoluene	9.45	165	196932	42.07	ng	#	47
51) Acenaphthene	9.68	154	802218	43.91	ng		98
52) 3-Nitroaniline	9.62	138	146349	27.82	ng	#	75
53) 2,4-Dinitrophenol	9.74	184	55830	29.77	ng		86
54) Dibenzofuran	9.85	168	1144467	51.25	ng	#	90
55) 4-Nitrophenol	9.80	139	220317	56.99	ng	#	75
56) 2,4-Dinitrotoluene	9.86	165	308477	51.66	ng	#	82
57) Fluorene	10.19	166	852078	45.69	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	223068	50.10	ng	#	86
59) Diethylphthalate	10.09	149	936241	44.74	ng		99
60) 4-Chlorophenyl-phenylether	10.19	204	401521	52.45	ng		96
61) 4-Nitroaniline	10.24	138	249067	48.59	ng		90
62) Azobenzene	10.35	77	1065402	52.95	ng		91
64) 4,6-Dinitro-2-methylphenol	10.26	198	69892	21.56	ng	#	45
65) n-Nitrosodiphenylamine	10.32	169	821340	49.26	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	289006	49.83	ng		94
67) Hexachlorobenzene	10.74	284	276130	43.69	ng	#	86
68) Atrazine	10.86	200	304085	57.75	ng		97
69) Pentachlorophenol	10.95	266	194440	65.47	ng		98
70) Phenanthrene	11.15	178	1344887	46.18	ng		97
71) Anthracene	11.20	178	1347472	45.91	ng		99
72) Carbazole	11.37	167	1261115	49.28	ng		98
73) Di-n-butylphthalate	11.70	149	1398825	42.93	ng	#	96
74) Fluoranthene	12.33	202	1214200	41.19	ng		99
76) Benzidine	12.47	184	304638	27.66	ng		97
77) Pyrene	12.56	202	1249393	51.83	ng		98
79) Butylbenzylphthalate	13.20	149	589471	53.90	ng	#	84
80) Benzo(a)anthracene	13.75	228	966706	49.47	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	121313	17.53	ng	#	95
82) Chrysene	13.78	228	839741m	44.32	ng		
83) Bis(2-ethylhexyl)phthalate	13.76	149	743441	54.63	ng	#	97
84) Di-n-octyl phthalate	14.37	149	1108897	49.39	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.37	276	920544	61.72	ng		98
87) Benzo(b)fluoranthene	14.74	252	1054920m	54.35	ng		
88) Benzo(k)fluoranthene	14.78	252	621008m	38.70	ng		
89) Benzo(a)pyrene	15.06	252	810340	49.00	ng		98
90) Dibenzo(a,h)anthracene	16.38	278	763524	54.85	ng		96
91) Benzo(g,h,i)perylene	16.74	276	784748	55.96	ng		95

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

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