Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093390.D
Acq On : 4 Mar 2017 7:32
Operator : SJ/MA
Sample : I2087-01MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMSD

Manual Integrations APPROVED
mohammad
3/6/2017 4:23:54 PM

Quant Time: Mar 06 00:08:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Mar 05 23:55:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	178110	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	713985	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	316296	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	509490	20.00	ng		0.00
75) Chrysene-d12	13.94	240	303749	20.00	ng		-0.01
86) Perylene-d12	15.36	264	310321	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1509301	145.38	ng		0.02
7) Phenol-d6	6.44	99	1720355	128.79	ng		0.00
23) Nitrobenzene-d5	7.36	82	1249997	97.49	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	317863	138.95	ng		0.01
44) 2-Fluorobiphenyl	9.15	172	1693968	97.03	ng		0.00
78) Terphenyl-d14	12.89	244	1176661	91.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	221624	39.51	ng	#	84
3) Pyridine	3.06	79	530505	37.19	ng	#	80
4) n-Nitrosodimethylamine	3.02	42	348450	52.02	ng		86
6) Aniline	6.45	93	431953	23.71	ng	#	60
8) 2-Chlorophenol	6.58	128	547930	47.84	ng		91
9) Benzaldehyde	6.33	77	156271	16.33	ng		84
10) Phenol	6.45	94	771709	49.38	ng		92
11) bis(2-Chloroethyl)ether	6.52	93	572485	45.89	ng		88
12) 1,3-Dichlorobenzene	6.73	146	610035	45.47	ng		98
13) 1,4-Dichlorobenzene	6.80	146	607939	44.78	ng		99
14) 1,2-Dichlorobenzene	6.96	146	566594	43.64	ng		98
15) Benzyl Alcohol	6.94	79	459332	46.45	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	960201	44.31	ng		80
17) 2-Methylphenol	7.06	107	450018	45.80	ng		94
18) Hexachloroethane	7.29	117	210410	45.40	ng	#	85
19) n-Nitroso-di-n-propylamine	7.21	70	402665	47.35	ng		95
20) 3+4-Methylphenols	7.22	107	613780	52.25	ng	#	78
22) Acetophenone	7.21	105	791565	48.56	ng	#	97
24) Nitrobenzene	7.38	77	634109	48.17	ng		99
25) Isophorone	7.62	82	1192394	49.91	ng		95
26) 2-Nitrophenol	7.70	139	334164	53.40	ng		91
27) 2,4-Dimethylphenol	7.74	122	537492	48.90	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	728768	46.06	ng		98
29) 2,4-Dichlorophenol	7.95	162	475178	46.36	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	498517	45.13	ng		96
31) Naphthalene	8.10	128	1613110	44.57	ng		99
32) Benzoic acid	7.89	122	204291	35.07	ng		99
33) 4-Chloroaniline	8.16	127	216636	15.26	ng		99
34) Hexachlorobutadiene	8.21	225	255737	42.08	ng		98
35) Caprolactam	8.53	113	157339	48.80	ng	#	30
36) 4-Chloro-3-methylphenol	8.66	107	538554	50.39	ng		93
37) 2-Methylnaphthalene	8.78	142	989019	42.56	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	462779	52.12	ng		100
40) Hexachlorocyclopentadiene	8.93	237	150045	37.46	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	302330	51.82	ng		91
43) 2,4,5-Trichlorophenol	9.13	196	314615	49.22	ng	#	86
45) 1,1'-Biphenyl	9.25	154	1275621	55.70	ng		98
46) 2-Chloronaphthalene	9.28	162	960588	53.61	ng		97
47) 2-Nitroaniline	9.38	65	315171	52.32	ng		90
48) Acenaphthylene	9.69	152	1373509	44.38	ng		99
49) Dimethylphthalate	9.55	163	1281502	60.15	ng		98
50) 2,6-Dinitrotoluene	9.63	165	251197	54.60	ng	#	77
51) Acenaphthene	9.86	154	849780	45.92	ng		95
52) 3-Nitroaniline	9.79	138	151589	28.79	ng		95
53) 2,4-Dinitrophenol	9.92	184	143392	62.37	ng	#	77
54) Dibenzofuran	10.03	168	1149681	46.45	ng		96
55) 4-Nitrophenol	9.98	139	292606	77.16	ng	#	81
56) 2,4-Dinitrotoluene	10.03	165	265992	43.42	ng	#	72
57) Fluorene	10.37	166	945409	49.65	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	222602	52.20	ng		99
59) Diethylphthalate	10.25	149	1018291	50.72	ng		100
60) 4-Chlorophenyl-phenylether	10.36	204	419276	45.83	ng		91
61) 4-Nitroaniline	10.41	138	221470	41.07	ng		94
62) Azobenzene	10.52	77	1246679	60.10	ng		97
64) 4,6-Dinitro-2-methylphenol	10.45	198	127030	41.35	ng		92
65) n-Nitrosodiphenylamine	10.49	169	845274	51.93	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	268624	50.47	ng	#	88
67) Hexachlorobenzene	10.92	284	245934	46.75	ng	#	93
68) Atrazine	11.01	200	242649	46.46	ng		99
69) Pentachlorophenol	11.13	266	206503	76.40	ng		96
70) Phenanthrene	11.33	178	1317260	45.13	ng		99
71) Anthracene	11.38	178	1310854	44.72	ng		100
72) Carbazole	11.54	167	1151323	41.09	ng		100
73) Di-n-butylphthalate	11.87	149	1615365	53.31	ng	#	96
74) Fluoranthene	12.52	202	1182077	39.26	ng		93
76) Benzidine	12.65	184	371677	28.72	ng		95
77) Pyrene	12.75	202	1162350	51.13	ng		98
79) Butylbenzylphthalate	13.36	149	511515	55.41	ng		99
80) Benzo(a)anthracene	13.94	228	868234	46.74	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	275113	41.54	ng		98
82) Chrysene	13.97	228	839982	48.29	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	690234	54.68	ng		98
84) Di-n-octyl phthalate	14.52	149	1130204	54.98	ng		98
85) Indeno(1,2,3-cd)pyrene	16.75	276	880472	65.35	ng	#	92
87) Benzo(b)fluoranthene	14.96	252	815954m	39.95	ng		
88) Benzo(k)fluoranthene	14.99	252	867059m	49.17	ng		
89) Benzo(a)pyrene	15.30	252	838729	47.47	ng	#	96
90) Dibenzo(a,h)anthracene	16.75	278	750080	52.53	ng		99
91) Benzo(g,h,i)perylene	17.15	276	764349	52.99	ng	#	89

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

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