Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092808.D
Acq On : 6 Feb 2017 20:59
Operator : SJ/MA
Sample : I1696-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A5B-A6B-A7B-A8BMSD

Manual Integrations APPROVED
mohammad
2/7/2017 3:14:29 PM

Quant Time: Feb 07 01:42:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 01:19:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	144107	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	584908	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	369634	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	534733	20.00	ng		-0.01
75) Chrysene-d12	14.09	240	425124	20.00	ng		0.00
86) Perylene-d12	15.53	264	354549	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	971877	115.70	ng		0.01
7) Phenol-d6	6.56	99	1290233	119.38	ng		0.00
23) Nitrobenzene-d5	7.48	82	851672	81.09	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	314081	117.48	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	1501193	73.58	ng		0.00
78) Terphenyl-d14	13.03	244	1378082	76.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	154395	34.02	ng	#	85
3) Pyridine	3.33	79	360779	31.26	ng		87
4) n-Nitrosodimethylamine	3.29	42	215638	39.79	ng		85
6) Aniline	6.58	93	376737	25.55	ng	#	48
8) 2-Chlorophenol	6.70	128	394818	42.61	ng		87
9) Benzaldehyde	6.45	77	176373	22.78	ng		90
10) Phenol	6.57	94	527448	41.71	ng		88
11) bis(2-Chloroethyl)ether	6.65	93	373678	37.02	ng		92
12) 1,3-Dichlorobenzene	6.85	146	457212	42.12	ng		97
13) 1,4-Dichlorobenzene	6.93	146	455499m	41.46	ng		
14) 1,2-Dichlorobenzene	7.08	146	436615	41.57	ng		97
15) Benzyl Alcohol	7.06	79	362577	45.32	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	705052	40.21	ng		94
17) 2-Methylphenol	7.17	107	328559	41.33	ng		97
18) Hexachloroethane	7.42	117	151849	40.49	ng		98
19) n-Nitroso-di-n-propylamine	7.32	70	278381	40.46	ng		93
20) 3+4-Methylphenols	7.33	107	408728	43.00	ng	#	85
22) Acetophenone	7.32	105	510807	38.25	ng	#	93
24) Nitrobenzene	7.49	77	395400	36.66	ng		99
25) Isophorone	7.73	82	770176	39.35	ng		96
26) 2-Nitrophenol	7.81	139	218037	42.53	ng		96
27) 2,4-Dimethylphenol	7.86	122	395116	43.88	ng		94
28) bis(2-Chloroethoxy)methane	7.95	93	532549	41.08	ng		100
29) 2,4-Dichlorophenol	8.05	162	349296	41.60	ng		88
30) 1,2,4-Trichlorobenzene	8.14	180	373586	41.28	ng		98
31) Naphthalene	8.22	128	1171029	39.49	ng		98
32) Benzoic acid	7.96	122	100534	23.93	ng		95
33) 4-Chloroaniline	8.27	127	235104	20.22	ng		97
34) Hexachlorobutadiene	8.34	225	197977	39.76	ng		99
35) Caprolactam	8.64	113	113849m	43.10	ng		
36) 4-Chloro-3-methylphenol	8.76	107	393465	44.94	ng		95
37) 2-Methylnaphthalene	8.91	142	766259	40.25	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	358575	34.56	ng		99
40) Hexachlorocyclopentadiene	9.06	237	286190	61.13	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	260590	38.22	ng		95
43) 2,4,5-Trichlorophenol	9.24	196	263001	35.21	ng	#	80
45) 1,1'-Biphenyl	9.38	154	984159	36.77	ng		99
46) 2-Chloronaphthalene	9.40	162	762029	36.39	ng		98
47) 2-Nitroaniline	9.50	65	247703	35.19	ng	#	66
48) Acenaphthylene	9.81	152	1333910	36.88	ng		99
49) Dimethylphthalate	9.68	163	1093763	43.93	ng		99
50) 2,6-Dinitrotoluene	9.74	165	236919	44.06	ng		95
51) Acenaphthene	9.98	154	860177	39.78	ng		97
52) 3-Nitroaniline	9.92	138	166574	27.07	ng	#	78
53) 2,4-Dinitrophenol	10.02	184	154544	57.89	ng	#	75
54) Dibenzofuran	10.17	168	1177954	40.72	ng	#	88
55) 4-Nitrophenol	10.09	139	353330	79.73	ng		95
56) 2,4-Dinitrotoluene	10.14	165	271295	37.90	ng		93
57) Fluorene	10.51	166	864433	38.85	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.28	232	228371	45.83	ng		99
59) Diethylphthalate	10.38	149	991771	42.27	ng		94
60) 4-Chlorophenyl-phenylether	10.50	204	427911	40.03	ng	#	81
61) 4-Nitroaniline	10.53	138	268469	42.60	ng		91
62) Azobenzene	10.66	77	1177314	48.57	ng		94
64) 4,6-Dinitro-2-methylphenol	10.56	198	134934	41.82	ng	#	69
65) n-Nitrosodiphenylamine	10.61	169	764901	44.78	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	234134	41.91	ng	#	80
67) Hexachlorobenzene	11.05	284	223022	40.40	ng	#	79
68) Atrazine	11.15	200	239645	43.72	ng		91
69) Pentachlorophenol	11.25	266	244379	85.23	ng		98
70) Phenanthrene	11.47	178	1289086	42.08	ng		98
71) Anthracene	11.52	178	1173245	38.14	ng		99
72) Carbazole	11.68	167	1124920	38.25	ng		98
73) Di-n-butylphthalate	12.01	149	1387019	43.61	ng	#	95
74) Fluoranthene	12.66	202	1327183	42.00	ng		92
76) Benzidine	12.77	184	292706	16.16	ng		98
77) Pyrene	12.89	202	1324463	41.63	ng		99
79) Butylbenzylphthalate	13.51	149	580666	44.94	ng	#	70
80) Benzo(a)anthracene	14.08	228	1018643	39.18	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	240934	25.99	ng		99
82) Chrysene	14.11	228	985272	40.47	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	748629	42.37	ng		99
84) Di-n-octyl phthalate	14.67	149	1301810	45.25	ng		100
85) Indeno(1,2,3-cd)pyrene	16.98	276	831155	44.08	ng		95
87) Benzo(b)fluoranthene	15.12	252	946842	40.57	ng	#	97
88) Benzo(k)fluoranthene	15.14	252	767764m	38.10	ng		
89) Benzo(a)pyrene	15.47	252	816973	40.47	ng	#	96
90) Dibenzo(a,h)anthracene	17.00	278	694448	42.57	ng		96
91) Benzo(g,h,i)perylene	17.41	276	700384	42.50	ng	#	91

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

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