Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071217\
Data File : BF096708.D
Acq On : 12 Jul 2017 22:55
Operator : SJ/JU
Sample : I4127-01MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MS

Manual Integrations APPROVED
mohammad
7/13/2017 1:38:03 PM

Quant Time: Jul 13 08:48:48 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	120076	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	493599	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	202685	20.00	ng	-0.03
63) Phenanthrene-d10	11.18	188	295516	20.00	ng	-0.03
75) Chrysene-d12	13.81	240	181131	20.00	ng	-0.04
86) Perylene-d12	15.20	264	186706	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	611242	75.13	ng	-0.03
7) Phenol-d6	6.32	99	753259	75.32	ng	-0.03
23) Nitrobenzene-d5	7.23	82	434716	52.92	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	126081	79.64	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	704283	59.41	ng	-0.04
78) Terphenyl-d14	12.76	244	431335	50.89	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	2.34	88	77761	20.158	ng	# 74
3) Pyridine	3.03	79	155191	14.662	ng	# 62
4) n-Nitrosodimethylamine	2.96	42	118608	22.703	ng	82
6) Aniline	6.33	93	219216	16.959	ng	# 13
8) 2-Chlorophenol	6.46	128	225411	25.982	ng	99
9) Benzaldehyde	6.21	77	123503	19.731	ng	100
10) Phenol	6.33	94	280785	24.643	ng	81
11) bis(2-Chloroethyl)ether	6.40	93	205816	23.374	ng	91
12) 1,3-Dichlorobenzene	6.61	146	232745	25.586	ng	97
13) 1,4-Dichlorobenzene	6.69	146	240607	26.464	ng	97
14) 1,2-Dichlorobenzene	6.84	146	219110	26.247	ng	95
15) Benzyl Alcohol	6.81	79	173268	25.917	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	465414	26.000	ng	91
17) 2-Methylphenol	6.93	107	177330	25.648	ng	97
18) Hexachloroethane	7.18	117	74060	22.468	ng	# 82
19) n-Nitroso-di-n-propylamine	7.09	70	148820	24.977	ng	# 85
20) 3+4-Methylphenols	7.09	107	214314	27.791	ng	# 74
22) Acetophenone	7.07	105	291867	27.062	ng	98
24) Nitrobenzene	7.25	77	221472	25.701	ng	90
25) Isophorone	7.49	82	396003	24.864	ng	95
26) 2-Nitrophenol	7.57	139	115010	25.216	ng	93
27) 2,4-Dimethylphenol	7.62	122	193733	24.946	ng	95
28) bis(2-Chloroethoxy)methane	7.70	93	282672	26.887	ng	97
29) 2,4-Dichlorophenol	7.81	162	167852	25.050	ng	96
30) 1,2,4-Trichlorobenzene	7.89	180	164728	26.062	ng	98
31) Naphthalene	7.97	128	630890	27.074	ng	99
33) 4-Chloroaniline	8.02	127	180128	18.610	ng	97
34) Hexachlorobutadiene	8.10	225	86237	26.601	ng	96
35) Caprolactam	8.37	113	48383m	20.940	ng	
36) 4-Chloro-3-methylphenol	8.51	107	171387	23.116	ng	88
37) 2-Methylnaphthalene	8.66	142	390009	26.293	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	143795	27.323	ng	99
40) Hexachlorocyclopentadiene	8.82	237	20711	8.094	ng	99
42) 2,4,6-Trichlorophenol	8.95	196	101013	24.263	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	105674	25.672	ng		94
45) 1,1'-Biphenyl	9.13	154	475718	27.393	ng		97
46) 2-Chloronaphthalene	9.15	162	361613	27.941	ng		96
47) 2-Nitroaniline	9.25	65	126999	26.968	ng		90
48) Acenaphthylene	9.56	152	544062	26.530	ng		98
49) Dimethylphthalate	9.43	163	517824	34.224	ng		100
50) 2,6-Dinitrotoluene	9.49	165	86358	25.810	ng	#	86
51) Acenaphthene	9.73	154	312753	24.741	ng		97
52) 3-Nitroaniline	9.65	138	89295	21.397	ng		91
53) 2,4-Dinitrophenol	9.76	184	6612	3.721	ng	#	73
54) Dibenzofuran	9.90	168	443067	26.548	ng		99
55) 4-Nitrophenol	9.82	139	124535	36.003	ng	#	66
56) 2,4-Dinitrotoluene	9.89	165	102462	24.182	ng	#	88
57) Fluorene	10.25	166	319200	27.081	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	72052	25.299	ng	#	94
59) Diethylphthalate	10.13	149	385184	26.933	ng		99
60) 4-Chlorophenyl-phenylether	10.24	204	141140	27.521	ng		98
61) 4-Nitroaniline	10.26	138	80794	21.292	ng		90
62) Azobenzene	10.40	77	376028	27.192	ng		95
64) 4,6-Dinitro-2-methylphenol	10.30	198	13639	6.692	ng		89
65) n-Nitrosodiphenylamine	10.36	169	304558	29.373	ng		100
66) 4-Bromophenyl-phenylether	10.73	248	91349	31.755	ng		98
67) Hexachlorobenzene	10.80	284	86693	27.529	ng	#	91
68) Atrazine	10.89	200	90071	30.406	ng		96
69) Pentachlorophenol	10.99	266	68787	36.856	ng		99
70) Phenanthrene	11.20	178	442229	27.683	ng		99
71) Anthracene	11.25	178	447326	27.479	ng		98
72) Carbazole	11.41	167	382075	23.338	ng		97
73) Di-n-butylphthalate	11.75	149	549639	27.718	ng	#	98
74) Fluoranthene	12.39	202	350726	22.393	ng		97
76) Benzidine	12.50	184	140684	16.187	ng	#	92
77) Pyrene	12.61	202	381377	26.232	ng		98
79) Butylbenzylphthalate	13.24	149	197217	26.797	ng	#	85
80) Benzo(a)anthracene	13.80	228	286521	27.316	ng		98
81) 3,3'-Dichlorobenzidine	13.76	252	96240	22.339	ng	#	95
82) Chrysene	13.83	228	286358	26.070	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	242350	29.500	ng		100
84) Di-n-octyl phthalate	14.41	149	476256	29.438	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.53	276	238204	27.473	ng		97
87) Benzo(b)fluoranthene	14.81	252	294683	25.189	ng		97
88) Benzo(k)fluoranthene	14.84	252	279366m	26.696	ng		
89) Benzo(a)pyrene	15.14	252	278212	26.636	ng		98
90) Dibenzo(a,h)anthracene	16.54	278	200412	24.390	ng		95
91) Benzo(g,h,i)perylene	16.93	276	185167	21.747	ng		99

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

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