Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092509.D
Acq On : 26 Jan 2017 7:34
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/27/2017 3:01:53 PM

Quant Time: Jan 27 07:29:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156771	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	605671	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	354682	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	569704	20.00	ng		-0.01
75) Chrysene-d12	14.16	240	410308	20.00	ng		-0.01
86) Perylene-d12	15.63	264	340103	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	739027	73.34	ng		0.00
7) Phenol-d6	6.59	99	990271	77.15	ng		0.00
23) Nitrobenzene-d5	7.54	82	911923	82.25	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	203120	84.04	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1357784	70.79	ng		-0.01
78) Terphenyl-d14	13.11	244	1371799	89.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	202704	37.83	ng	#	84
3) Pyridine	3.36	79	589618	38.65	ng	#	85
4) n-Nitrosodimethylamine	3.31	42	270508	36.14	ng		82
6) Aniline	6.62	93	715714	37.38	ng	#	47
8) 2-Chlorophenol	6.75	128	436201	41.21	ng		98
9) Benzaldehyde	6.51	77	326856	35.89	ng		91
10) Phenol	6.60	94	618519	39.93	ng	#	71
11) bis(2-Chloroethyl)ether	6.70	93	461018	39.77	ng		99
12) 1,3-Dichlorobenzene	6.91	146	507114	40.51	ng		97
13) 1,4-Dichlorobenzene	6.99	146	504305m	40.03	ng		
14) 1,2-Dichlorobenzene	7.14	146	441345	36.93	ng		99
15) Benzyl Alcohol	7.10	79	340965	35.25	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	863717	37.67	ng		93
17) 2-Methylphenol	7.22	107	349824	38.68	ng		96
18) Hexachloroethane	7.48	117	163061	37.57	ng	#	86
19) n-Nitroso-di-n-propylamine	7.39	70	343456	39.30	ng		98
20) 3+4-Methylphenols	7.38	107	442553	40.34	ng	#	77
22) Acetophenone	7.38	105	540441	37.46	ng	#	90
24) Nitrobenzene	7.55	77	434855	37.44	ng		98
25) Isophorone	7.80	82	859434	39.33	ng		99
26) 2-Nitrophenol	7.87	139	209319	43.01	ng		93
27) 2,4-Dimethylphenol	7.90	122	377261	37.27	ng		99
28) bis(2-Chloroethoxy)methane	8.01	93	523925	36.53	ng		99
29) 2,4-Dichlorophenol	8.11	162	345367	39.35	ng		89
30) 1,2,4-Trichlorobenzene	8.20	180	383533	40.43	ng		95
31) Naphthalene	8.28	128	1169441	37.72	ng		99
32) Benzoic acid	8.02	122	223961m	31.40	ng		
33) 4-Chloroaniline	8.33	127	484623	36.95	ng		94
34) Hexachlorobutadiene	8.41	225	217040	41.83	ng		98
35) Caprolactam	8.72	113	126060	43.01	ng	#	64
36) 4-Chloro-3-methylphenol	8.81	107	368758	38.96	ng		94
37) 2-Methylnaphthalene	8.98	142	772283	39.35	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	364198	40.71	ng		99
40) Hexachlorocyclopentadiene	9.14	237	148051	33.04	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	249123	36.34	ng		92
43) 2,4,5-Trichlorophenol	9.30	196	259813	41.42	ng	#	82
45) 1,1'-Biphenyl	9.45	154	931617	36.34	ng		97
46) 2-Chloronaphthalene	9.47	162	735049	35.10	ng		95
47) 2-Nitroaniline	9.56	65	248480	35.24	ng		94
48) Acenaphthylene	9.89	152	1248457	40.65	ng		98
49) Dimethylphthalate	9.74	163	845166	37.47	ng		97
50) 2,6-Dinitrotoluene	9.81	165	214407	46.51	ng	#	83
51) Acenaphthene	10.06	154	760199	39.83	ng		96
52) 3-Nitroaniline	9.97	138	234842	40.67	ng		97
53) 2,4-Dinitrophenol	10.08	184	58207	31.67	ng	#	55
54) Dibenzofuran	10.24	168	1047120	40.41	ng		92
55) 4-Nitrophenol	10.12	139	167252	36.48	ng		88
56) 2,4-Dinitrotoluene	10.21	165	282808	46.22	ng	#	76
57) Fluorene	10.58	166	817926	42.56	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	193444	41.17	ng		97
59) Diethylphthalate	10.45	149	875986	40.50	ng		96
60) 4-Chlorophenyl-phenylether	10.57	204	338396	36.31	ng		92
61) 4-Nitroaniline	10.59	138	215583	37.33	ng		93
62) Azobenzene	10.73	77	807640	32.82	ng		96
64) 4,6-Dinitro-2-methylphenol	10.61	198	96085	33.02	ng	#	20
65) n-Nitrosodiphenylamine	10.69	169	721845	40.57	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	218624	38.01	ng		99
67) Hexachlorobenzene	11.13	284	240601	41.38	ng		94
68) Atrazine	11.22	200	268235	44.05	ng		96
69) Pentachlorophenol	11.31	266	130484	35.10	ng		95
70) Phenanthrene	11.54	178	1161465	37.02	ng		99
71) Anthracene	11.58	178	1209415	39.45	ng		99
72) Carbazole	11.74	167	1107891	37.84	ng		99
73) Di-n-butylphthalate	12.08	149	1282493	38.31	ng		98
74) Fluoranthene	12.73	202	1188748	38.74	ng		97
76) Benzidine	12.85	184	547025	35.91	ng		99
77) Pyrene	12.96	202	1171299	39.40	ng		99
79) Butylbenzylphthalate	13.57	149	519198	43.11	ng		99
80) Benzo(a)anthracene	14.15	228	829655	37.62	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	332917	39.76	ng	#	95
82) Chrysene	14.18	228	821478	34.88	ng		99
83) Bis(2-ethylhexyl)phthalate	14.13	149	680134	44.84	ng		99
84) Di-n-octyl phthalate	14.75	149	1234248	44.82	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	824552	47.32	ng	#	94
87) Benzo(b)fluoranthene	15.20	252	762807	34.94	ng		98
88) Benzo(k)fluoranthene	15.23	252	777758m	42.84	ng		
89) Benzo(a)pyrene	15.56	252	738205	39.97	ng	#	96
90) Dibenzo(a,h)anthracene	17.13	278	706778m	47.32	ng		
91) Benzo(g,h,i)perylene	17.56	276	717372m	47.49	ng		

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

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