Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097713.D
Acq On : 16 Aug 2017 2:09
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/16/2017 6:45:36 PM

Quant Time: Aug 16 07:19:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	130201	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	503694	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	207090	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	317745	20.00	ng		0.00
75) Chrysene-d12	13.94	240	230193	20.00	ng		0.00
86) Perylene-d12	15.37	264	239180	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	691734	80.81	ng		0.00
7) Phenol-d6	6.42	99	957173	82.30	ng		0.00
23) Nitrobenzene-d5	7.35	82	845325	91.17	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	137486	76.52	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1184735	84.05	ng		0.00
78) Terphenyl-d14	12.89	244	777756	70.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	192616	40.349	ng		90
3) Pyridine	3.19	79	555324	42.080	ng		87
4) n-Nitrosodimethylamine	3.15	42	207689	40.901	ng		87
6) Aniline	6.45	93	652920	39.963	ng		97
8) 2-Chlorophenol	6.57	128	375317	41.576	ng		97
9) Benzaldehyde	6.33	77	321658	43.664	ng		87
10) Phenol	6.43	94	565183	41.551	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	418670	40.780	ng		94
12) 1,3-Dichlorobenzene	6.73	146	391032	40.271	ng	#	94
13) 1,4-Dichlorobenzene	6.80	146	396325	40.132	ng	#	94
14) 1,2-Dichlorobenzene	6.96	146	367035	40.307	ng		99
15) Benzyl Alcohol	6.93	79	359654	41.304	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	555155	40.190	ng		92
17) 2-Methylphenol	7.04	107	322705	40.565	ng		97
18) Hexachloroethane	7.30	117	150951	38.987	ng	#	79
19) n-Nitroso-di-n-propylamine	7.20	70	319722	40.158	ng		91
20) 3+4-Methylphenols	7.19	107	397097	40.869	ng		94
22) Acetophenone	7.20	105	529981	39.829	ng	#	88
24) Nitrobenzene	7.37	77	465887	45.128	ng		93
25) Isophorone	7.61	82	793748	41.170	ng		96
26) 2-Nitrophenol	7.69	139	168211m	45.305	ng		
27) 2,4-Dimethylphenol	7.72	122	334509	41.602	ng		93
28) bis(2-Chloroethoxy)methane	7.82	93	521517	41.145	ng		98
29) 2,4-Dichlorophenol	7.92	162	279596	41.890	ng		91
30) 1,2,4-Trichlorobenzene	8.01	180	302623	40.900	ng		98
31) Naphthalene	8.09	128	1058360	40.474	ng		99
32) Benzoic acid	7.84	122	172970	31.990	ng	#	84
33) 4-Chloroaniline	8.14	127	449808	40.787	ng		98
34) Hexachlorobutadiene	8.21	225	181409	41.992	ng		97
35) Caprolactam	8.52	113	96795	42.658	ng		99
36) 4-Chloro-3-methylphenol	8.62	107	347034	40.468	ng	#	77
37) 2-Methylnaphthalene	8.78	142	643946	40.167	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	277308	43.633	ng		99
40) Hexachlorocyclopentadiene	8.93	237	42948	14.066	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	186077	43.609	ng		97
43) 2,4,5-Trichlorophenol	9.09	196	182343	43.075	ng		94
45) 1,1'-Biphenyl	9.25	154	810722	42.930	ng		97
46) 2-Chloronaphthalene	9.27	162	584215	41.869	ng	#	90
47) 2-Nitroaniline	9.36	65	230523	49.281	ng		93
48) Acenaphthylene	9.69	152	898901	41.024	ng		99
49) Dimethylphthalate	9.55	163	658070	43.472	ng		100
50) 2,6-Dinitrotoluene	9.61	165	136567	45.197	ng	#	64
51) Acenaphthene	9.86	154	545532	39.476	ng		99
52) 3-Nitroaniline	9.77	138	173737	44.565	ng		85
53) 2,4-Dinitrophenol	9.87	184	12848	17.947	ng	#	83
54) Dibenzofuran	10.03	168	756228	40.830	ng		100
55) 4-Nitrophenol	9.92	139	110796	35.627	ng	#	35
56) 2,4-Dinitrotoluene	10.00	165	166617	43.939	ng	#	44
57) Fluorene	10.37	166	553513	38.654	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.15	232	128633	39.249	ng		95
59) Diethylphthalate	10.25	149	667997	42.198	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	275053	41.346	ng		90
61) 4-Nitroaniline	10.39	138	148535	40.088	ng	#	71
62) Azobenzene	10.53	77	735007	39.088	ng		94
64) 4,6-Dinitro-2-methylphenol	10.41	198	24605	21.905	ng		84
65) n-Nitrosodiphenylamine	10.48	169	535245	49.467	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	159780	48.424	ng		92
67) Hexachlorobenzene	10.92	284	150649	44.794	ng	#	90
68) Atrazine	11.01	200	131832	45.942	ng		97
69) Pentachlorophenol	11.10	266	80861	41.237	ng		98
70) Phenanthrene	11.33	178	702823	41.509	ng		99
71) Anthracene	11.38	178	710113	41.350	ng		99
72) Carbazole	11.53	167	631617	38.747	ng		98
73) Di-n-butylphthalate	11.87	149	898681	47.862	ng		99
74) Fluoranthene	12.52	202	632988	35.817	ng		98
76) Benzidine	12.64	184	276421	36.624	ng		94
77) Pyrene	12.74	202	647416	34.387	ng		98
79) Butylbenzylphthalate	13.37	149	285035	39.488	ng	#	70
80) Benzo(a)anthracene	13.93	228	564924	40.947	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	220547	47.374	ng	#	96
82) Chrysene	13.96	228	558131	40.668	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	364973	45.629	ng		99
84) Di-n-octyl phthalate	14.54	149	732434	52.627	ng		99
85) Indeno(1,2,3-cd)pyrene	16.77	276	479451	47.489	ng		95
87) Benzo(b)fluoranthene	14.96	252	622062	41.261	ng		98
88) Benzo(k)fluoranthene	14.99	252	563362	39.774	ng	#	92
89) Benzo(a)pyrene	15.31	252	565324	42.357	ng		100
90) Dibenzo(a,h)anthracene	16.79	278	424044	39.026	ng		98
91) Benzo(g,h,i)perylene	17.19	276	386872	34.123	ng	#	93

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

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