Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097476.D
Acq On : 8 Aug 2017 18:50
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/9/2017 7:16:20 PM

Quant Time: Aug 08 19:46:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	91726	20.00	ng		0.00
21) Naphthalene-d8	7.69	136	365650	20.00	ng		-0.01
38) Acenaphthene-d10	9.43	164	149901	20.00	ng		0.00
63) Phenanthrene-d10	10.90	188	276978	20.00	ng		-0.01
75) Chrysene-d12	13.53	240	166423	20.00	ng		0.00
86) Perylene-d12	14.87	264	141848	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.99	112	525324	86.34	ng		-0.01
7) Phenol-d6	6.08	99	568313	81.81	ng		0.00
23) Nitrobenzene-d5	6.98	82	516494	82.87	ng		-0.01
41) 2,4,6-Tribromophenol	10.22	330	106610	90.01	ng		-0.01
44) 2-Fluorobiphenyl	8.77	172	739795	83.76	ng		0.00
78) Terphenyl-d14	12.49	244	696318	85.31	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.88	88	104003	40.959	ng	#	71
3) Pyridine	2.47	79	299214	38.483	ng	#	58
4) n-Nitrosodimethylamine	2.43	42	168700	39.164	ng		80
6) Aniline	6.07	93	366804	41.962	ng		95
8) 2-Chlorophenol	6.20	128	272570	41.894	ng		94
9) Benzaldehyde	5.95	77	197323	47.992	ng		98
10) Phenol	6.09	94	349237	42.386	ng		98
11) bis(2-Chloroethyl)ether	6.15	93	267439	41.039	ng		91
12) 1,3-Dichlorobenzene	6.35	146	284785	40.616	ng		99
13) 1,4-Dichlorobenzene	6.42	146	291119	41.896	ng		95
14) 1,2-Dichlorobenzene	6.57	146	246170	40.575	ng		99
15) Benzyl Alcohol	6.57	79	198905	45.227	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.70	45	511918	39.166	ng		51
17) 2-Methylphenol	6.70	107	200173	39.864	ng	#	88
18) Hexachloroethane	6.91	117	103120	40.565	ng	#	81
19) n-Nitroso-di-n-propylamine	6.85	70	189205	41.380	ng	#	83
20) 3+4-Methylphenols	6.86	107	287513	43.839	ng	#	62
22) Acetophenone	6.83	105	361439	41.162	ng		98
24) Nitrobenzene	7.00	77	281028	43.292	ng		96
25) Isophorone	7.25	82	481273	39.428	ng		97
26) 2-Nitrophenol	7.32	139	146332	41.666	ng		91
27) 2,4-Dimethylphenol	7.38	122	234764	40.523	ng		96
28) bis(2-Chloroethoxy)methane	7.46	93	315483	39.605	ng		99
29) 2,4-Dichlorophenol	7.57	162	213658	42.810	ng		97
30) 1,2,4-Trichlorobenzene	7.64	180	193309	40.635	ng		99
31) Naphthalene	7.71	128	703727	40.828	ng		99
32) Benzoic acid	7.56	122	177992	41.144	ng		92
33) 4-Chloroaniline	7.77	127	275423	39.271	ng		98
34) Hexachlorobutadiene	7.83	225	97877	38.809	ng		99
35) Caprolactam	8.16	113	65623m	41.005	ng		
36) 4-Chloro-3-methylphenol	8.29	107	233145	42.819	ng		90
37) 2-Methylnaphthalene	8.40	142	427231	39.148	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	171688	42.925	ng		99
40) Hexachlorocyclopentadiene	8.56	237	63775	48.432	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	113324	39.097	ng		98
43) 2,4,5-Trichlorophenol	8.75	196	112043	38.620	ng		97
45) 1,1'-Biphenyl	8.87	154	570233	44.537	ng		98
46) 2-Chloronaphthalene	8.89	162	421214	44.705	ng		92
47) 2-Nitroaniline	9.00	65	160198	46.850	ng		96
48) Acenaphthylene	9.29	152	620136	42.880	ng		99
49) Dimethylphthalate	9.18	163	493081	43.316	ng		99
50) 2,6-Dinitrotoluene	9.25	165	105559	43.722	ng	#	80
51) Acenaphthene	9.47	154	380029	44.611	ng		99
52) 3-Nitroaniline	9.41	138	125100	41.745	ng		99
53) 2,4-Dinitrophenol	9.54	184	61088	55.649	ng	#	71
54) Dibenzofuran	9.64	168	532253	46.908	ng		93
55) 4-Nitrophenol	9.62	139	66353m	37.233	ng		
56) 2,4-Dinitrotoluene	9.65	165	145948	52.585	ng	#	69
57) Fluorene	9.98	166	382967	44.906	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.77	232	88243	44.052	ng	#	97
59) Diethylphthalate	9.87	149	448256	42.923	ng		99
60) 4-Chlorophenyl-phenylether	9.97	204	154494	43.870	ng		99
61) 4-Nitroaniline	10.03	138	124904	43.865	ng		93
62) Azobenzene	10.13	77	462557	47.744	ng		92
64) 4,6-Dinitro-2-methylphenol	10.07	198	74782	43.450	ng		87
65) n-Nitrosodiphenylamine	10.10	169	396934	41.188	ng		98
66) 4-Bromophenyl-phenylether	10.46	248	110285	39.898	ng		91
67) Hexachlorobenzene	10.53	284	123245	39.760	ng	#	84
68) Atrazine	10.63	200	102116	36.952	ng		92
69) Pentachlorophenol	10.73	266	78939	61.550	ng		98
70) Phenanthrene	10.93	178	602377	40.590	ng		99
71) Anthracene	10.98	178	615641	40.503	ng		98
72) Carbazole	11.15	167	629803	42.131	ng		98
73) Di-n-butylphthalate	11.49	149	733807	39.711	ng		99
74) Fluoranthene	12.11	202	577798	39.742	ng		98
76) Benzidine	12.25	184	156437	25.334	ng	#	94
77) Pyrene	12.33	202	584507	42.901	ng		99
79) Butylbenzylphthalate	12.97	149	257117	37.100	ng	#	84
80) Benzo(a)anthracene	13.52	228	417097	38.734	ng		98
81) 3,3'-Dichlorobenzidine	13.49	252	157991	38.907	ng	#	97
82) Chrysene	13.56	228	416804	39.640	ng		100
83) Bis(2-ethylhexyl)phthalate	13.53	149	322792	35.672	ng		99
84) Di-n-octyl phthalate	14.14	149	539277	32.475	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.06	276	344425	38.200	ng		97
87) Benzo(b)fluoranthene	14.52	252	364196	42.712	ng		98
88) Benzo(k)fluoranthene	14.54	252	317846m	39.118	ng		
89) Benzo(a)pyrene	14.82	252	305779	39.183	ng		98
90) Dibenzo(a,h)anthracene	16.06	278	280112	43.770	ng		96
91) Benzo(g,h,i)perylene	16.40	276	281887	42.003	ng		99

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

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