Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097502.D
Acq On : 9 Aug 2017 7:25
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/9/2017 7:16:53 PM

Quant Time: Aug 09 17:11:20 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	81021	20.00	ng		0.00
21) Naphthalene-d8	7.69	136	351899	20.00	ng		0.00
38) Acenaphthene-d10	9.43	164	132627	20.00	ng		0.00
63) Phenanthrene-d10	10.91	188	196739	20.00	ng		0.00
75) Chrysene-d12	13.53	240	140449	20.00	ng		0.00
86) Perylene-d12	14.87	264	129528	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.00	112	448357	83.42	ng		0.00
7) Phenol-d6	6.09	99	515827	84.07	ng		0.00
23) Nitrobenzene-d5	6.99	82	442862	73.83	ng		0.00
41) 2,4,6-Tribromophenol	10.22	330	75484	72.03	ng		-0.01
44) 2-Fluorobiphenyl	8.77	172	700618	89.65	ng		0.00
78) Terphenyl-d14	12.49	244	546141	79.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.87	88	101702	45.345	ng	#	70
3) Pyridine	2.46	79	304108	44.280	ng	#	60
4) n-Nitrosodimethylamine	2.43	42	170640	44.849	ng		80
6) Aniline	6.07	93	337381	43.696	ng		97
8) 2-Chlorophenol	6.20	128	248882	43.307	ng		93
9) Benzaldehyde	5.95	77	182816	50.338	ng		97
10) Phenol	6.10	94	346159	47.563	ng		97
11) bis(2-Chloroethyl)ether	6.15	93	230937	40.120	ng		89
12) 1,3-Dichlorobenzene	6.35	146	265297	42.836	ng		99
13) 1,4-Dichlorobenzene	6.42	146	266878	43.482	ng		94
14) 1,2-Dichlorobenzene	6.57	146	236892	44.204	ng		97
15) Benzyl Alcohol	6.57	79	179656	46.247	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.70	45	489241	42.376	ng		80
17) 2-Methylphenol	6.70	107	189390	42.700	ng	#	86
18) Hexachloroethane	6.91	117	74979	33.392	ng	#	80
19) n-Nitroso-di-n-propylamine	6.85	70	171656	42.503	ng	#	82
20) 3+4-Methylphenols	6.86	107	249888	43.136	ng	#	61
22) Acetophenone	6.83	105	329890	39.037	ng	#	97
24) Nitrobenzene	7.00	77	232827	37.268	ng		91
25) Isophorone	7.25	82	459377	39.104	ng		97
26) 2-Nitrophenol	7.32	139	119872	35.466	ng	#	86
27) 2,4-Dimethylphenol	7.38	122	226095	40.551	ng		98
28) bis(2-Chloroethoxy)methane	7.46	93	309546	40.378	ng		98
29) 2,4-Dichlorophenol	7.58	162	202782	42.218	ng		98
30) 1,2,4-Trichlorobenzene	7.64	180	186551	40.747	ng		97
31) Naphthalene	7.71	128	676201	40.764	ng		100
32) Benzoic acid	7.56	122	135441m	32.532	ng		
33) 4-Chloroaniline	7.78	127	281237	41.667	ng		97
34) Hexachlorobutadiene	7.83	225	99566	41.022	ng		99
35) Caprolactam	8.16	113	60857	39.513	ng	#	61
36) 4-Chloro-3-methylphenol	8.29	107	209778	40.033	ng		87
37) 2-Methylnaphthalene	8.40	142	408206	38.866	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	159903	45.185	ng		99
40) Hexachlorocyclopentadiene	8.56	237	7369	12.056	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	105683	41.210	ng		99
43) 2,4,5-Trichlorophenol	8.75	196	98002	38.180	ng		97
45) 1,1'-Biphenyl	8.87	154	498619	44.016	ng		97
46) 2-Chloronaphthalene	8.89	162	358013	42.947	ng	#	91
47) 2-Nitroaniline	9.00	65	139620	46.150	ng		97
48) Acenaphthylene	9.30	152	539428	42.158	ng		98
49) Dimethylphthalate	9.17	163	435554	43.246	ng		99
50) 2,6-Dinitrotoluene	9.25	165	84153	39.396	ng	#	81
51) Acenaphthene	9.47	154	314200	41.688	ng		99
52) 3-Nitroaniline	9.41	138	118269	44.606	ng		99
53) 2,4-Dinitrophenol	9.56	184	5009	5.157	ng	#	65
54) Dibenzofuran	9.64	168	438734	43.702	ng		95
55) 4-Nitrophenol	9.63	139	49524m	31.409	ng		
56) 2,4-Dinitrotoluene	9.66	165	100871	41.078	ng	#	81
57) Fluorene	9.98	166	327494	43.403	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.77	232	64108	36.172	ng	#	99
59) Diethylphthalate	9.87	149	410488	44.426	ng		99
60) 4-Chlorophenyl-phenylether	9.97	204	138896	44.578	ng		97
61) 4-Nitroaniline	10.02	138	107458	42.653	ng		92
62) Azobenzene	10.13	77	354494	41.356	ng		92
64) 4,6-Dinitro-2-methylphenol	10.07	198	12374	10.122	ng		90
65) n-Nitrosodiphenylamine	10.10	169	307197	44.877	ng		98
66) 4-Bromophenyl-phenylether	10.46	248	84648	43.113	ng		95
67) Hexachlorobenzene	10.53	284	90925	41.297	ng	#	82
68) Atrazine	10.63	200	54934	27.986	ng		96
69) Pentachlorophenol	10.74	266	45493	49.938	ng		92
70) Phenanthrene	10.93	178	437560	41.509	ng		99
71) Anthracene	10.99	178	454184	42.067	ng		98
72) Carbazole	11.15	167	452131	42.581	ng		99
73) Di-n-butylphthalate	11.49	149	572945	43.652	ng		99
74) Fluoranthene	12.11	202	428266	41.471	ng		98
76) Benzidine	12.25	184	223562	42.899	ng	#	92
77) Pyrene	12.33	202	442298	38.467	ng		99
79) Butylbenzylphthalate	12.97	149	235307	40.232	ng	#	79
80) Benzo(a)anthracene	13.52	228	358571	39.457	ng		99
81) 3,3'-Dichlorobenzidine	13.49	252	153556	44.808	ng	#	96
82) Chrysene	13.56	228	363857	41.004	ng		100
83) Bis(2-ethylhexyl)phthalate	13.53	149	295315	38.671	ng		100
84) Di-n-octyl phthalate	14.14	149	570598	40.716	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.06	276	282555	37.134	ng		97
87) Benzo(b)fluoranthene	14.53	252	359074	46.117	ng		100
88) Benzo(k)fluoranthene	14.82	252	244521	32.956	ng		99
89) Benzo(a)pyrene	14.82	252	299141	41.978	ng		97
90) Dibenzo(a,h)anthracene	16.07	278	235589	40.315	ng		96
91) Benzo(g,h,i)perylene	16.42	276	234094	38.200	ng		99

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

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