Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
Data File : BF092976.D
Acq On : 16 Feb 2017 5:05
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
2/16/2017 11:39:15 AM

Quant Time: Feb 16 07:34:39 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	152270	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	587489	20.00	ng		-0.01
38) Acenaphthene-d10	9.92	164	329760	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	494090	20.00	ng		-0.01
75) Chrysene-d12	14.03	240	362444	20.00	ng		-0.02
86) Perylene-d12	15.46	264	316486	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	693981	78.19	ng		-0.02
7) Phenol-d6	6.51	99	891647	78.08	ng		-0.02
23) Nitrobenzene-d5	7.45	82	909983	86.26	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	184582	77.39	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	1364446	74.96	ng		-0.01
78) Terphenyl-d14	12.98	244	1345116	87.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	185343	38.65	ng		86
3) Pyridine	3.16	79	532827	43.69	ng		88
4) n-Nitrosodimethylamine	3.12	42	233858	40.84	ng		87
6) Aniline	6.53	93	646059	41.47	ng	#	56
8) 2-Chlorophenol	6.66	128	414136	42.29	ng		99
9) Benzaldehyde	6.42	77	299357	36.59	ng		95
10) Phenol	6.52	94	489145	36.61	ng		90
11) bis(2-Chloroethyl)ether	6.61	93	445087	41.74	ng		97
12) 1,3-Dichlorobenzene	6.81	146	452439m	39.45	ng		
13) 1,4-Dichlorobenzene	6.89	146	454955	39.19	ng		98
14) 1,2-Dichlorobenzene	7.05	146	464477	41.85	ng		95
15) Benzyl Alcohol	7.02	79	344284	40.72	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.15	45	780044	42.10	ng		93
17) 2-Methylphenol	7.14	107	367604	43.76	ng		96
18) Hexachloroethane	7.39	117	151400	38.21	ng	#	83
19) n-Nitroso-di-n-propylamine	7.30	70	301489	41.47	ng	#	92
20) 3+4-Methylphenols	7.29	107	403318	40.16	ng	#	66
22) Acetophenone	7.29	105	505036	37.65	ng	#	91
24) Nitrobenzene	7.46	77	424012	39.14	ng		98
25) Isophorone	7.70	82	812865	41.35	ng		95
26) 2-Nitrophenol	7.78	139	229445	44.56	ng		90
27) 2,4-Dimethylphenol	7.82	122	366235	40.50	ng		91
28) bis(2-Chloroethoxy)methane	7.92	93	569233	43.72	ng		99
29) 2,4-Dichlorophenol	8.02	162	332042	39.37	ng		89
30) 1,2,4-Trichlorobenzene	8.10	180	349139	38.41	ng		95
31) Naphthalene	8.18	128	1116009	37.47	ng		99
32) Benzoic acid	7.94	122	201545	40.63	ng		98
33) 4-Chloroaniline	8.24	127	517715	44.33	ng		98
34) Hexachlorobutadiene	8.29	225	190354	38.07	ng		99
35) Caprolactam	8.61	113	108196	40.78	ng	#	40
36) 4-Chloro-3-methylphenol	8.72	107	339285	38.58	ng		99
37) 2-Methylnaphthalene	8.88	142	787087	41.16	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	346971	37.48	ng		100
40) Hexachlorocyclopentadiene	9.02	237	75246	18.02	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	232255	38.18	ng		93
43) 2,4,5-Trichlorophenol	9.20	196	260773	39.13	ng	#	84
45) 1,1'-Biphenyl	9.33	154	878908	36.81	ng		97
46) 2-Chloronaphthalene	9.36	162	701523	37.56	ng		95
47) 2-Nitroaniline	9.46	65	265367	42.25	ng		98
48) Acenaphthylene	9.78	152	1233957	38.24	ng		98
49) Dimethylphthalate	9.64	163	909996	40.97	ng		100
50) 2,6-Dinitrotoluene	9.70	165	179247	37.37	ng	#	79
51) Acenaphthene	9.95	154	741215	38.42	ng		96
52) 3-Nitroaniline	9.87	138	220925	40.24	ng		96
53) 2,4-Dinitrophenol	9.97	184	48531	23.45	ng	#	62
54) Dibenzofuran	10.12	168	970211	37.60	ng	#	88
55) 4-Nitrophenol	10.03	139	136828	34.61	ng		88
56) 2,4-Dinitrotoluene	10.10	165	234564	36.73	ng		90
57) Fluorene	10.45	166	740473	37.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	185195	41.66	ng		96
59) Diethylphthalate	10.34	149	825422	39.43	ng		94
60) 4-Chlorophenyl-phenylether	10.45	204	370671	38.86	ng	#	81
61) 4-Nitroaniline	10.49	138	233578	41.54	ng		78
62) Azobenzene	10.61	77	810294m	37.47	ng		
64) 4,6-Dinitro-2-methylphenol	10.51	198	82588	28.60	ng	#	65
65) n-Nitrosodiphenylamine	10.57	169	633864	40.16	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	213939	41.44	ng	#	76
67) Hexachlorobenzene	11.00	284	198762	38.96	ng	#	81
68) Atrazine	11.09	200	215791	42.60	ng		99
69) Pentachlorophenol	11.20	266	98536	41.25	ng		97
70) Phenanthrene	11.41	178	1086204	38.37	ng		99
71) Anthracene	11.47	178	1162151	40.88	ng		99
72) Carbazole	11.63	167	1170486	43.07	ng		98
73) Di-n-butylphthalate	11.95	149	1247504	42.45	ng		98
74) Fluoranthene	12.60	202	1004364	34.40	ng		99
76) Benzidine	12.73	184	522239	33.81	ng		99
77) Pyrene	12.83	202	1015079	37.42	ng		99
79) Butylbenzylphthalate	13.45	149	486974	44.21	ng		93
80) Benzo(a)anthracene	14.02	228	834145	37.63	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	310588	39.31	ng	#	96
82) Chrysene	14.05	228	743350	35.82	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	681451	45.24	ng	#	97
84) Di-n-octyl phthalate	14.61	149	1092893	44.55	ng		100
85) Indeno(1,2,3-cd)pyrene	16.89	276	742696	46.20	ng	#	94
87) Benzo(b)fluoranthene	15.05	252	932878m	44.78	ng		
88) Benzo(k)fluoranthene	15.08	252	585221m	32.54	ng		
89) Benzo(a)pyrene	15.40	252	719072	39.91	ng	#	96
90) Dibenzo(a,h)anthracene	16.90	278	636194	43.69	ng		98
91) Benzo(g,h,i)perylene	17.31	276	638548	43.40	ng	#	91

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

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