Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092846.D
Acq On : 8 Feb 2017 1:48
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/8/2017 10:43:29 AM

Quant Time: Feb 08 04:20:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 23:52:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	140138	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	538418	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	300551	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	433354	20.00	ng		0.00
75) Chrysene-d12	14.08	240	318530	20.00	ng		0.00
86) Perylene-d12	15.53	264	285098	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	651346	79.74	ng		0.00
7) Phenol-d6	6.54	99	823734	78.38	ng		0.00
23) Nitrobenzene-d5	7.47	82	781276	80.81	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	160803	73.97	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1264294	76.21	ng		0.00
78) Terphenyl-d14	13.01	244	1058105	78.05	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	174972	39.64	ng	#	83
3) Pyridine	3.23	79	442684	39.44	ng		86
4) n-Nitrosodimethylamine	3.18	42	202792	38.48	ng		85
6) Aniline	6.57	93	582154	40.61	ng	#	56
8) 2-Chlorophenol	6.69	128	381400	42.32	ng		97
9) Benzaldehyde	6.45	77	281001	37.32	ng		95
10) Phenol	6.56	94	435671	35.43	ng		96
11) bis(2-Chloroethyl)ether	6.65	93	403659	41.13	ng		98
12) 1,3-Dichlorobenzene	6.84	146	418109m	39.61	ng		
13) 1,4-Dichlorobenzene	6.92	146	430842	40.33	ng		98
14) 1,2-Dichlorobenzene	7.08	146	418966	41.02	ng		95
15) Benzyl Alcohol	7.05	79	285514	36.69	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	675495	39.61	ng		93
17) 2-Methylphenol	7.17	107	334132	43.22	ng		96
18) Hexachloroethane	7.41	117	132392	36.30	ng	#	82
19) n-Nitroso-di-n-propylamine	7.32	70	248434	37.13	ng		96
20) 3+4-Methylphenols	7.32	107	356376	38.56	ng	#	78
22) Acetophenone	7.32	105	508752	41.39	ng	#	93
24) Nitrobenzene	7.49	77	426568	42.97	ng		97
25) Isophorone	7.73	82	761976	42.29	ng		99
26) 2-Nitrophenol	7.81	139	211634	44.84	ng	#	79
27) 2,4-Dimethylphenol	7.85	122	311996	37.64	ng		98
28) bis(2-Chloroethoxy)methane	7.94	93	453646	38.02	ng		98
29) 2,4-Dichlorophenol	8.05	162	317191	41.03	ng		91
30) 1,2,4-Trichlorobenzene	8.13	180	338871	40.68	ng		95
31) Naphthalene	8.21	128	1030293	37.75	ng		99
32) Benzoic acid	7.97	122	172410	38.40	ng		93
33) 4-Chloroaniline	8.27	127	461013	43.07	ng	#	93
34) Hexachlorobutadiene	8.33	225	174857	38.15	ng		99
35) Caprolactam	8.64	113	96779	39.80	ng	#	40
36) 4-Chloro-3-methylphenol	8.75	107	323253	40.11	ng		99
37) 2-Methylnaphthalene	8.91	142	753939	43.02	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	333337	39.51	ng		99
40) Hexachlorocyclopentadiene	9.06	237	39688	10.43	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	210920	38.05	ng		92
43) 2,4,5-Trichlorophenol	9.23	196	237450	39.09	ng	#	87
45) 1,1'-Biphenyl	9.37	154	803212	36.91	ng		97
46) 2-Chloronaphthalene	9.39	162	653399	38.38	ng		95
47) 2-Nitroaniline	9.49	65	238719	41.70	ng		96
48) Acenaphthylene	9.81	152	1182879	40.22	ng		98
49) Dimethylphthalate	9.68	163	836154	41.30	ng		99
50) 2,6-Dinitrotoluene	9.73	165	166529	38.09	ng	#	86
51) Acenaphthene	9.98	154	683675	38.88	ng		97
52) 3-Nitroaniline	9.90	138	191682	38.31	ng		97
53) 2,4-Dinitrophenol	10.01	184	33587	18.94	ng	#	57
54) Dibenzofuran	10.16	168	913516	38.84	ng		91
55) 4-Nitrophenol	10.08	139	136095	37.77	ng	#	69
56) 2,4-Dinitrotoluene	10.13	165	213425	36.67	ng		96
57) Fluorene	10.50	166	746932	41.28	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	146952	36.27	ng		98
59) Diethylphthalate	10.37	149	778564	40.81	ng		95
60) 4-Chlorophenyl-phenylether	10.49	204	337501	38.83	ng		88
61) 4-Nitroaniline	10.52	138	210548	41.09	ng	#	79
62) Azobenzene	10.65	77	763427	38.73	ng		95
64) 4,6-Dinitro-2-methylphenol	10.54	198	64702	25.83	ng	#	59
65) n-Nitrosodiphenylamine	10.60	169	613251	44.30	ng		100
66) 4-Bromophenyl-phenylether	10.98	248	199963	44.17	ng	#	89
67) Hexachlorobenzene	11.05	284	194930	43.57	ng		96
68) Atrazine	11.14	200	223704	50.35	ng		95
69) Pentachlorophenol	11.24	266	83356	40.04	ng		99
70) Phenanthrene	11.46	178	971169	39.12	ng		98
71) Anthracene	11.50	178	961158	38.55	ng		98
72) Carbazole	11.66	167	883435	37.07	ng		98
73) Di-n-butylphthalate	12.00	149	1181860	45.85	ng	#	96
74) Fluoranthene	12.65	202	927305	36.21	ng		95
76) Benzidine	12.77	184	429124	31.62	ng		98
77) Pyrene	12.88	202	913362	38.32	ng		99
79) Butylbenzylphthalate	13.49	149	435999	45.04	ng	#	76
80) Benzo(a)anthracene	14.07	228	740764	38.02	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	272650	39.26	ng	#	93
82) Chrysene	14.10	228	727947	39.91	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	575946	43.51	ng	#	99
84) Di-n-octyl phthalate	14.66	149	956530	44.37	ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	626460	44.34	ng		95
87) Benzo(b)fluoranthene	15.11	252	728667	38.83	ng		97
88) Benzo(k)fluoranthene	15.13	252	664765m	41.03	ng		
89) Benzo(a)pyrene	15.46	252	655808	40.40	ng	#	97
90) Dibenzo(a,h)anthracene	16.98	278	547393	41.73	ng		96
91) Benzo(g,h,i)perylene	17.40	276	531928	40.14	ng	#	91

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

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