Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
Data File : BF099066.D
Acq On : 4 Oct 2017 14:51
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/5/2017 6:15:28 PM

Quant Time: Oct 04 18:44:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 18:42:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	123160	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	528907	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	240105	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	417202	20.00	ng		0.00
75) Chrysene-d12	14.03	240	305195	20.00	ng		0.00
86) Perylene-d12	15.50	264	238225	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	622837	80.50	ng		0.00
7) Phenol-d6	6.49	99	773092	81.00	ng		0.00
23) Nitrobenzene-d5	7.43	82	661288	80.18	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	162555	82.74	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1165453	81.03	ng		0.00
78) Terphenyl-d14	12.97	244	1106652	82.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	141989	38.420	ng		97
3) Pyridine	3.40	79	392979	39.307	ng		96
4) n-Nitrosodimethylamine	3.36	42	153188	36.134	ng		88
6) Aniline	6.53	93	512810	39.811	ng		98
8) 2-Chlorophenol	6.65	128	354559	40.468	ng		96
9) Benzaldehyde	6.42	77	200652	36.243	ng		99
10) Phenol	6.51	94	459079	43.010	ng		94
11) bis(2-Chloroethyl)ether	6.60	93	331823	39.988	ng		98
12) 1,3-Dichlorobenzene	6.81	146	372114	40.554	ng		98
13) 1,4-Dichlorobenzene	6.89	146	372288	39.878	ng		97
14) 1,2-Dichlorobenzene	7.04	146	351481	40.746	ng		98
15) Benzyl Alcohol	7.00	79	276075	39.430	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	501514	38.792	ng		97
17) 2-Methylphenol	7.12	107	285323	39.800	ng		98
18) Hexachloroethane	7.38	117	133626	39.822	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	232515	38.158	ng		96
20) 3+4-Methylphenols	7.27	107	353759	39.007	ng		91
22) Acetophenone	7.28	105	478180	37.316	ng	#	95
24) Nitrobenzene	7.45	77	361676	38.659	ng		97
25) Isophorone	7.69	82	653861	38.346	ng		99
26) 2-Nitrophenol	7.76	139	196361	43.646	ng		95
27) 2,4-Dimethylphenol	7.80	122	328757	38.694	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	418045	39.341	ng		99
29) 2,4-Dichlorophenol	8.00	162	292497	40.098	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	292201	40.050	ng		99
31) Naphthalene	8.17	128	980424	39.468	ng		100
32) Benzoic acid	7.93	122	223725m	32.057	ng		
33) 4-Chloroaniline	8.22	127	405912	39.130	ng		96
34) Hexachlorobutadiene	8.29	225	149284	39.726	ng		98
35) Caprolactam	8.60	113	91784	39.225	ng		94
36) 4-Chloro-3-methylphenol	8.70	107	316945	38.656	ng		94
37) 2-Methylnaphthalene	8.86	142	640967	39.692	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	288457	40.284	ng		99
40) Hexachlorocyclopentadiene	9.01	237	142846	43.652	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	200321	39.489	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	199735	39.443	ng		98
45) 1,1'-Biphenyl	9.33	154	817003	39.592	ng		99
46) 2-Chloronaphthalene	9.35	162	619901	40.010	ng		98
47) 2-Nitroaniline	9.45	65	186908	39.398	ng		99
48) Acenaphthylene	9.77	152	936713	39.494	ng		99
49) Dimethylphthalate	9.63	163	720467	39.757	ng		99
50) 2,6-Dinitrotoluene	9.69	165	162735	41.248	ng		85
51) Acenaphthene	9.94	154	562940	37.469	ng		99
52) 3-Nitroaniline	9.86	138	194942	42.377	ng		96
53) 2,4-Dinitrophenol	9.96	184	74072	39.263	ng		95
54) Dibenzofuran	10.11	168	795740	39.779	ng		99
55) 4-Nitrophenol	10.02	139	148015	38.053	ng		85
56) 2,4-Dinitrotoluene	10.09	165	216904	42.362	ng		95
57) Fluorene	10.46	166	644977	40.114	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	135212	38.653	ng		98
59) Diethylphthalate	10.32	149	696088	39.310	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	287209	39.766	ng		93
61) 4-Nitroaniline	10.47	138	189938	42.798	ng		91
62) Azobenzene	10.60	77	618389	37.981	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	115732	45.593	ng		83
65) n-Nitrosodiphenylamine	10.56	169	585567	40.515	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	166465	40.763	ng		96
67) Hexachlorobenzene	11.00	284	176512	40.470	ng	#	90
68) Atrazine	11.09	200	175966	40.466	ng		99
69) Pentachlorophenol	11.19	266	97721	36.000	ng		99
70) Phenanthrene	11.42	178	892600	39.970	ng		99
71) Anthracene	11.47	178	919475	40.240	ng		100
72) Carbazole	11.62	167	903834	40.393	ng		99
73) Di-n-butylphthalate	11.95	149	1087253	40.369	ng		99
74) Fluoranthene	12.60	202	916000	40.507	ng		99
76) Benzidine	12.72	184	466604	41.336	ng		100
77) Pyrene	12.83	202	936305	40.233	ng		100
79) Butylbenzylphthalate	13.45	149	447610	40.925	ng		93
80) Benzo(a)anthracene	14.02	228	742388	40.172	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	275338	40.642	ng		99
82) Chrysene	14.06	228	707820	40.231	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	618915	41.096	ng	#	99
84) Di-n-octyl phthalate	14.61	149	973331	40.137	ng		97
85) Indeno(1,2,3-cd)pyrene	16.98	276	545915	38.788	ng		96
87) Benzo(b)fluoranthene	15.07	252	625937m	42.735	ng		
88) Benzo(k)fluoranthene	15.10	252	560156	38.720	ng		99
89) Benzo(a)pyrene	15.44	252	546166	40.622	ng	#	96
90) Dibenzo(a,h)anthracene	17.00	278	449036	41.732	ng		97
91) Benzo(g,h,i)perylene	17.43	276	451460	42.447	ng		96

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

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