Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099092.D
Acq On : 5 Oct 2017 9:17
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/6/2017 5:34:43 PM

Quant Time: Oct 06 14:10:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	145897	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	618865	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	281123	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	490868	20.00	ng		0.00
75) Chrysene-d12	14.03	240	360775	20.00	ng		0.00
86) Perylene-d12	15.50	264	297277	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	731523	79.82	ng		0.00
7) Phenol-d6	6.50	99	915058	80.94	ng		0.00
23) Nitrobenzene-d5	7.43	82	765591	79.33	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	190994	83.03	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1323722	78.61	ng		0.00
78) Terphenyl-d14	12.97	244	1275286	80.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	167179	38.186	ng		97
3) Pyridine	3.40	79	453703	38.309	ng		98
4) n-Nitrosodimethylamine	3.37	42	184471	36.731	ng		86
6) Aniline	6.53	93	603655	39.560	ng		99
8) 2-Chlorophenol	6.66	128	416819	40.160	ng		93
9) Benzaldehyde	6.42	77	235235	35.868	ng		94
10) Phenol	6.52	94	533906	42.225	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	389054	39.579	ng		98
12) 1,3-Dichlorobenzene	6.81	146	435907	40.103	ng		98
13) 1,4-Dichlorobenzene	6.89	146	439389	39.731	ng		98
14) 1,2-Dichlorobenzene	7.04	146	407317	39.860	ng		99
15) Benzyl Alcohol	7.01	79	315808	38.076	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	576124	37.618	ng		97
17) 2-Methylphenol	7.12	107	337518	39.744	ng		98
18) Hexachloroethane	7.38	117	153995	38.740	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	267244	37.023	ng		94
20) 3+4-Methylphenols	7.27	107	402870	37.499	ng	#	83
22) Acetophenone	7.28	105	548006	36.548	ng		98
24) Nitrobenzene	7.46	77	426602	38.970	ng		94
25) Isophorone	7.69	82	771234	38.655	ng		99
26) 2-Nitrophenol	7.77	139	232263	44.122	ng		91
27) 2,4-Dimethylphenol	7.80	122	385354	38.763	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	489328	39.355	ng		99
29) 2,4-Dichlorophenol	8.01	162	340886	39.938	ng		95
30) 1,2,4-Trichlorobenzene	8.09	180	338332	39.633	ng		99
31) Naphthalene	8.17	128	1133752	39.006	ng		99
32) Benzoic acid	7.95	122	278787	34.140	ng		96
33) 4-Chloroaniline	8.22	127	478730	39.441	ng		97
34) Hexachlorobutadiene	8.29	225	174155	39.608	ng		98
35) Caprolactam	8.61	113	109785	40.098	ng		89
36) 4-Chloro-3-methylphenol	8.70	107	374226	39.008	ng		93
37) 2-Methylnaphthalene	8.86	142	735484	38.925	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	332333	39.640	ng		99
40) Hexachlorocyclopentadiene	9.02	237	152370	39.769	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	232865	39.207	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	234063	39.477	ng		96
45) 1,1'-Biphenyl	9.33	154	943187	39.038	ng		99
46) 2-Chloronaphthalene	9.36	162	710254	39.153	ng		97
47) 2-Nitroaniline	9.45	65	217792	39.209	ng		94
48) Acenaphthylene	9.77	152	1093728	39.385	ng		99
49) Dimethylphthalate	9.63	163	847931	39.964	ng		99
50) 2,6-Dinitrotoluene	9.69	165	191596	41.478	ng		95
51) Acenaphthene	9.95	154	647879	36.830	ng		100
52) 3-Nitroaniline	9.86	138	228953	42.509	ng		95
53) 2,4-Dinitrophenol	9.97	184	82682	37.704	ng		99
54) Dibenzofuran	10.12	168	918729	39.226	ng		98
55) 4-Nitrophenol	10.02	139	166555	36.571	ng		87
56) 2,4-Dinitrotoluene	10.10	165	250196	41.735	ng		93
57) Fluorene	10.46	166	739751	39.295	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	158589	38.721	ng		99
59) Diethylphthalate	10.33	149	815670	39.342	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	327933	38.779	ng		97
61) 4-Nitroaniline	10.48	138	228393	43.954	ng		92
62) Azobenzene	10.60	77	719968	37.768	ng		96
64) 4,6-Dinitro-2-methylphenol	10.51	198	132983	44.527	ng		84
65) n-Nitrosodiphenylamine	10.57	169	677658	39.850	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	194857	40.555	ng		97
67) Hexachlorobenzene	11.00	284	206289	40.199	ng		95
68) Atrazine	11.09	200	206587	40.378	ng		98
69) Pentachlorophenol	11.20	266	109231	34.201	ng		99
70) Phenanthrene	11.42	178	1043602	39.719	ng		98
71) Anthracene	11.47	178	1066458	39.669	ng		100
72) Carbazole	11.63	167	1046261	39.741	ng		99
73) Di-n-butylphthalate	11.95	149	1272118	40.144	ng		99
74) Fluoranthene	12.60	202	1060423	39.856	ng		98
76) Benzidine	12.73	184	532501	39.906	ng		98
77) Pyrene	12.84	202	1094287	39.777	ng		100
79) Butylbenzylphthalate	13.44	149	536620	41.504	ng		95
80) Benzo(a)anthracene	14.02	228	883834	40.458	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	330038	41.211	ng		99
82) Chrysene	14.06	228	821741	39.510	ng		100
83) Bis(2-ethylhexyl)phthalate	14.00	149	741826	41.669	ng	#	99
84) Di-n-octyl phthalate	14.61	149	1201956	41.929	ng		96
85) Indeno(1,2,3-cd)pyrene	16.99	276	651773	39.175	ng		96
87) Benzo(b)fluoranthene	15.07	252	712891m	39.003	ng		
88) Benzo(k)fluoranthene	15.11	252	733326	40.621	ng		98
89) Benzo(a)pyrene	15.44	252	668460	39.842	ng	#	97
90) Dibenzo(a,h)anthracene	17.01	278	531001	39.547	ng		97
91) Benzo(g,h,i)perylene	17.44	276	540376	40.714	ng		95

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

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