Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099103.D
Acq On : 5 Oct 2017 15:08
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/6/2017 5:34:52 PM

Quant Time: Oct 05 17:33:35 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	135365	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	569302	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	259807	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	467324	20.00	ng		0.00
75) Chrysene-d12	14.03	240	366858	20.00	ng		0.00
86) Perylene-d12	15.50	264	328120	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	684973	80.55	ng		0.00
7) Phenol-d6	6.50	99	859799	81.96	ng		0.00
23) Nitrobenzene-d5	7.43	82	718629	80.95	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	173016	81.38	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1228195	78.92	ng		0.00
78) Terphenyl-d14	12.97	244	1215385	75.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	162973	40.122	ng		95
3) Pyridine	3.41	79	444108	40.416	ng		94
4) n-Nitrosodimethylamine	3.37	42	176119	37.797	ng	#	83
6) Aniline	6.53	93	571810	40.389	ng		99
8) 2-Chlorophenol	6.65	128	388589	40.353	ng		97
9) Benzaldehyde	6.42	77	217801	35.794	ng		93
10) Phenol	6.51	94	504839	43.032	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	359652	39.434	ng		98
12) 1,3-Dichlorobenzene	6.81	146	407062	40.363	ng		97
13) 1,4-Dichlorobenzene	6.89	146	409593	39.918	ng		98
14) 1,2-Dichlorobenzene	7.04	146	375215	39.576	ng		97
15) Benzyl Alcohol	7.01	79	291316	37.856	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	524046	36.880	ng		97
17) 2-Methylphenol	7.12	107	316438	40.161	ng		97
18) Hexachloroethane	7.37	117	144712	39.237	ng		93
19) n-Nitroso-di-n-propylamine	7.28	70	245104	36.597	ng		96
20) 3+4-Methylphenols	7.27	107	382418	38.365	ng	#	75
22) Acetophenone	7.28	105	518565	37.596	ng	#	95
24) Nitrobenzene	7.45	77	395128	39.238	ng		99
25) Isophorone	7.69	82	704712	38.396	ng		98
26) 2-Nitrophenol	7.77	139	218043	45.027	ng	#	88
27) 2,4-Dimethylphenol	7.80	122	358660	39.219	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	441554	38.605	ng		99
29) 2,4-Dichlorophenol	8.00	162	317686	40.460	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	317229	40.396	ng		97
31) Naphthalene	8.17	128	1053305	39.394	ng		100
32) Benzoic acid	7.94	122	249203m	33.174	ng		
33) 4-Chloroaniline	8.22	127	452236	40.502	ng		97
34) Hexachlorobutadiene	8.29	225	156200	38.617	ng		98
35) Caprolactam	8.60	113	105206	41.771	ng		92
36) 4-Chloro-3-methylphenol	8.70	107	349822	39.638	ng		96
37) 2-Methylnaphthalene	8.86	142	677987	39.005	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	303503	39.171	ng		99
40) Hexachlorocyclopentadiene	9.01	237	118686	33.519	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	210284	38.310	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	218600	39.894	ng		95
45) 1,1'-Biphenyl	9.33	154	871589	39.034	ng		99
46) 2-Chloronaphthalene	9.35	162	662827	39.536	ng		99
47) 2-Nitroaniline	9.45	65	206765	40.278	ng		93
48) Acenaphthylene	9.77	152	1020819	39.776	ng		99
49) Dimethylphthalate	9.63	163	773552	39.449	ng		100
50) 2,6-Dinitrotoluene	9.69	165	177797	41.649	ng		91
51) Acenaphthene	9.94	154	597288	36.740	ng		100
52) 3-Nitroaniline	9.86	138	215626	43.319	ng		93
53) 2,4-Dinitrophenol	9.97	184	76038	37.548	ng		90
54) Dibenzofuran	10.11	168	851787	39.351	ng		98
55) 4-Nitrophenol	10.02	139	163591	38.868	ng		92
56) 2,4-Dinitrotoluene	10.10	165	239604	43.247	ng		87
57) Fluorene	10.46	166	692857	39.824	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	148897	39.337	ng		98
59) Diethylphthalate	10.32	149	741352	38.691	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	301025	38.518	ng		94
61) 4-Nitroaniline	10.48	138	219817	45.774	ng		89
62) Azobenzene	10.60	77	665637	37.782	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	125543	44.154	ng		91
65) n-Nitrosodiphenylamine	10.56	169	630179	38.925	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	177013	38.697	ng		94
67) Hexachlorobenzene	11.00	284	192560	39.414	ng	#	91
68) Atrazine	11.09	200	193653	39.757	ng		99
69) Pentachlorophenol	11.19	266	101472	33.372	ng		97
70) Phenanthrene	11.42	178	981425	39.234	ng		99
71) Anthracene	11.47	178	1008357	39.397	ng		100
72) Carbazole	11.62	167	1002789	40.009	ng		100
73) Di-n-butylphthalate	11.94	149	1169837	38.776	ng		99
74) Fluoranthene	12.60	202	1010492	39.893	ng		100
76) Benzidine	12.73	184	556883	41.041	ng		99
77) Pyrene	12.84	202	1073985	38.392	ng		99
79) Butylbenzylphthalate	13.44	149	512143	38.954	ng		96
80) Benzo(a)anthracene	14.02	228	886765	39.919	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	326244	40.062	ng		96
82) Chrysene	14.06	228	846371	40.020	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	696984	38.501	ng	#	99
84) Di-n-octyl phthalate	14.61	149	1203316	41.280	ng		97
85) Indeno(1,2,3-cd)pyrene	16.99	276	710363	41.989	ng		96
87) Benzo(b)fluoranthene	15.07	252	771369m	38.235	ng		
88) Benzo(k)fluoranthene	15.11	252	797103	40.003	ng		99
89) Benzo(a)pyrene	15.44	252	727531	39.287	ng	#	96
90) Dibenzo(a,h)anthracene	17.01	278	575595	38.839	ng		97
91) Benzo(g,h,i)perylene	17.44	276	584245	39.882	ng		95

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

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