Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099535.D
Acq On : 16 Oct 2017 10:52
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/17/2017 5:01:51 PM

Quant Time: Oct 16 23:32:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	103222	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	431823	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	198323	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	356695	20.00	ng		0.00
75) Chrysene-d12	14.02	240	279886	20.00	ng		0.00
86) Perylene-d12	15.49	264	251726	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	540052	83.29	ng		0.00
7) Phenol-d6	6.49	99	646104	80.77	ng		0.00
23) Nitrobenzene-d5	7.42	82	539496	80.12	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	140032	86.29	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	1000610	84.23	ng		0.00
78) Terphenyl-d14	12.96	244	981084	79.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	119877	38.702	ng		93
3) Pyridine	3.38	79	318277	37.985	ng		91
4) n-Nitrosodimethylamine	3.33	42	116094	32.673	ng	#	76
6) Aniline	6.51	93	422074	39.096	ng		99
8) 2-Chlorophenol	6.63	128	304133	41.418	ng		93
9) Benzaldehyde	6.40	77	158801	34.224	ng		97
10) Phenol	6.50	94	385996	43.148	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	280845	40.382	ng		94
12) 1,3-Dichlorobenzene	6.79	146	325059	42.269	ng		97
13) 1,4-Dichlorobenzene	6.86	146	328079	41.931	ng		98
14) 1,2-Dichlorobenzene	7.02	146	300503	41.565	ng		97
15) Benzyl Alcohol	6.99	79	209301	35.668	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	381740	35.231	ng		92
17) 2-Methylphenol	7.10	107	237823	39.582	ng		98
18) Hexachloroethane	7.35	117	114147	40.587	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	179612	35.170	ng	#	91
20) 3+4-Methylphenols	7.26	107	286779	37.729	ng	#	71
22) Acetophenone	7.26	105	390539	37.328	ng	#	97
24) Nitrobenzene	7.43	77	297734	38.979	ng		96
25) Isophorone	7.67	82	537477	38.607	ng		98
26) 2-Nitrophenol	7.75	139	170075	46.303	ng		93
27) 2,4-Dimethylphenol	7.78	122	262344	37.820	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	348096	40.123	ng		99
29) 2,4-Dichlorophenol	7.99	162	251592	42.244	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	250693	42.086	ng		98
31) Naphthalene	8.15	128	828914	40.871	ng		100
32) Benzoic acid	7.93	122	180553	31.687	ng		92
33) 4-Chloroaniline	8.20	127	349141	41.224	ng		95
34) Hexachlorobutadiene	8.26	225	128910	42.016	ng		98
35) Caprolactam	8.59	113	78711m	41.201	ng		
36) 4-Chloro-3-methylphenol	8.69	107	266410	39.798	ng		96
37) 2-Methylnaphthalene	8.84	142	549284	41.662	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	250002	42.269	ng		99
40) Hexachlorocyclopentadiene	8.99	237	134975	49.936	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	164602	39.284	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	165868	39.655	ng		97
45) 1,1'-Biphenyl	9.30	154	708854	41.588	ng		98
46) 2-Chloronaphthalene	9.33	162	532849	41.637	ng		96
47) 2-Nitroaniline	9.43	65	151954	38.778	ng		92
48) Acenaphthylene	9.75	152	798272	40.747	ng		100
49) Dimethylphthalate	9.60	163	630023	42.090	ng		99
50) 2,6-Dinitrotoluene	9.67	165	142287	43.664	ng		90
51) Acenaphthene	9.92	154	473510	38.156	ng		99
52) 3-Nitroaniline	9.85	138	165430	43.538	ng		93
53) 2,4-Dinitrophenol	9.96	184	54854	35.805	ng	#	84
54) Dibenzofuran	10.09	168	660969	40.002	ng		99
55) 4-Nitrophenol	10.02	139	129342	40.257	ng		85
56) 2,4-Dinitrotoluene	10.08	165	177369	41.939	ng		97
57) Fluorene	10.43	166	562946	42.388	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	112634	38.982	ng		98
59) Diethylphthalate	10.30	149	603137	41.237	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	253982	42.574	ng		96
61) 4-Nitroaniline	10.47	138	166572	45.440	ng		86
62) Azobenzene	10.58	77	516330	38.393	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	98689	45.474	ng	#	76
65) n-Nitrosodiphenylamine	10.55	169	502477	40.663	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	146269	41.893	ng		99
67) Hexachlorobenzene	10.98	284	159864	42.870	ng		98
68) Atrazine	11.07	200	157616	42.395	ng		99
69) Pentachlorophenol	11.18	266	75340	32.463	ng		99
70) Phenanthrene	11.40	178	784204	41.073	ng		99
71) Anthracene	11.45	178	807132	41.316	ng		99
72) Carbazole	11.61	167	788830	41.234	ng		99
73) Di-n-butylphthalate	11.93	149	987055	42.865	ng		98
74) Fluoranthene	12.59	202	817327	42.275	ng		99
76) Benzidine	12.71	184	436224	42.139	ng		98
77) Pyrene	12.82	202	849166	39.788	ng		99
79) Butylbenzylphthalate	13.42	149	416958	41.569	ng		98
80) Benzo(a)anthracene	14.01	228	699306	41.262	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	251563	40.491	ng		99
82) Chrysene	14.05	228	671017	41.587	ng		98
83) Bis(2-ethylhexyl)phthalate	13.98	149	572524	41.453	ng		98
84) Di-n-octyl phthalate	14.59	149	994873	44.735	ng		95
85) Indeno(1,2,3-cd)pyrene	16.98	276	577821	44.768	ng		96
87) Benzo(b)fluoranthene	15.06	252	627626	40.552	ng		98
88) Benzo(k)fluoranthene	15.09	252	608771	39.823	ng		99
89) Benzo(a)pyrene	15.43	252	585769	41.231	ng		98
90) Dibenzo(a,h)anthracene	16.99	278	471594	41.478	ng		98
91) Benzo(g,h,i)perylene	17.43	276	469696	41.793	ng		95

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

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