Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100368.D
Acq On : 10 Nov 2017 3:48
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
11/10/2017 1:31:03 PM

Quant Time: Nov 10 04:35:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 16:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	154815	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	611565	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	268392	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	435366	20.00	ng		0.00
75) Chrysene-d12	14.06	240	291695	20.00	ng		0.00
86) Perylene-d12	15.54	264	309699	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	778073	80.56	ng		0.00
7) Phenol-d6	6.53	99	952605	79.99	ng		0.00
23) Nitrobenzene-d5	7.47	82	853951	92.32	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	213721	78.15	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1437983	81.58	ng		0.00
78) Terphenyl-d14	13.01	244	1037359	81.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	186283	39.579	ng		94
3) Pyridine	3.47	79	534234	41.605	ng		94
4) n-Nitrosodimethylamine	3.43	42	249650	40.044	ng		97
6) Aniline	6.57	93	667082	39.648	ng		100
8) 2-Chlorophenol	6.69	128	417224	40.836	ng		98
9) Benzaldehyde	6.46	77	343005	40.329	ng		100
10) Phenol	6.54	94	495877	39.662	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	420571	40.049	ng		94
12) 1,3-Dichlorobenzene	6.85	146	469003	39.815	ng		99
13) 1,4-Dichlorobenzene	6.92	146	476131	39.936	ng		98
14) 1,2-Dichlorobenzene	7.07	146	440012	39.917	ng		99
15) Benzyl Alcohol	7.05	79	375421	40.390	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	678403	40.391	ng		96
17) 2-Methylphenol	7.15	107	349239	39.999	ng		98
18) Hexachloroethane	7.42	117	160321	40.784	ng		100
19) n-Nitroso-di-n-propylamine	7.32	70	315317	38.177	ng		92
20) 3+4-Methylphenols	7.30	107	438010	39.643	ng		90
22) Acetophenone	7.32	105	581588	38.999	ng	#	98
24) Nitrobenzene	7.49	77	439996	46.214	ng		100
25) Isophorone	7.72	82	778230	40.035	ng		98
26) 2-Nitrophenol	7.80	139	221278	49.394	ng		97
27) 2,4-Dimethylphenol	7.83	122	359452	41.250	ng		97
28) bis(2-Chloroethoxy)methane	7.93	93	516786	40.643	ng		99
29) 2,4-Dichlorophenol	8.04	162	349540	42.018	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	365226	40.588	ng		96
31) Naphthalene	8.21	128	1160849	39.409	ng		99
32) Benzoic acid	7.94	122	295121m	44.964	ng		
33) 4-Chloroaniline	8.25	127	499447	40.734	ng		99
34) Hexachlorobutadiene	8.32	225	219273	40.984	ng		99
35) Caprolactam	8.63	113	108610	38.044	ng		94
36) 4-Chloro-3-methylphenol	8.73	107	352724	39.480	ng		98
37) 2-Methylnaphthalene	8.90	142	766192	39.179	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	390158	43.832	ng	#	96
40) Hexachlorocyclopentadiene	9.05	237	87292	20.837	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	243202	43.110	ng		100
43) 2,4,5-Trichlorophenol	9.21	196	258406	44.210	ng		93
45) 1,1'-Biphenyl	9.36	154	970037	41.788	ng		99
46) 2-Chloronaphthalene	9.39	162	705662	41.903	ng		98
47) 2-Nitroaniline	9.48	65	233706	47.026	ng		95
48) Acenaphthylene	9.80	152	1115688	39.977	ng		99
49) Dimethylphthalate	9.66	163	852640	41.608	ng		100
50) 2,6-Dinitrotoluene	9.72	165	180473	44.492	ng		97
51) Acenaphthene	9.97	154	667066	39.301	ng		100
52) 3-Nitroaniline	9.89	138	210239	43.892	ng		99
53) 2,4-Dinitrophenol	9.99	184	29101	27.688	ng	#	15
54) Dibenzofuran	10.15	168	950843	39.970	ng		99
55) 4-Nitrophenol	10.03	139	144323	37.108	ng		94
56) 2,4-Dinitrotoluene	10.12	165	230384	45.022	ng	#	98
57) Fluorene	10.49	166	686009	39.364	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	189248	39.506	ng	#	87
59) Diethylphthalate	10.36	149	844381	41.176	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	358943	41.986	ng		91
61) 4-Nitroaniline	10.50	138	185522	40.847	ng		93
62) Azobenzene	10.64	77	753241	38.999	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	58038	30.258	ng		87
65) n-Nitrosodiphenylamine	10.60	169	710877	46.959	ng		96
66) 4-Bromophenyl-phenylether	10.97	248	220585	47.264	ng	#	89
67) Hexachlorobenzene	11.03	284	215093	44.066	ng		92
68) Atrazine	11.12	200	211876	46.237	ng		97
69) Pentachlorophenol	11.22	266	133390	38.110	ng		97
70) Phenanthrene	11.45	178	921046	40.181	ng		99
71) Anthracene	11.50	178	943014	40.549	ng		100
72) Carbazole	11.66	167	814192	37.943	ng		98
73) Di-n-butylphthalate	11.98	149	1168665	46.539	ng		100
74) Fluoranthene	12.64	202	822746	33.867	ng		96
76) Benzidine	12.76	184	390409	33.420	ng		99
77) Pyrene	12.87	202	818828	39.380	ng		99
79) Butylbenzylphthalate	13.48	149	375422	44.273	ng		99
80) Benzo(a)anthracene	14.06	228	729718	41.542	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	275395	43.758	ng		98
82) Chrysene	14.09	228	690125	40.572	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	528949	47.427	ng		99
84) Di-n-octyl phthalate	14.65	149	899899	46.968	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	609321	44.287	ng		97
87) Benzo(b)fluoranthene	15.11	252	767860	41.850	ng		99
88) Benzo(k)fluoranthene	15.14	252	688878m	39.736	ng		
89) Benzo(a)pyrene	15.49	252	673527	41.407	ng		99
90) Dibenzo(a,h)anthracene	17.06	278	531551	39.958	ng		99
91) Benzo(g,h,i)perylene	17.49	276	480201	36.877	ng		93

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

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