Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101198.D
Acq On : 7 Dec 2017 12:01
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 07 16:32:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	56561	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	228559	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	113759	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	228596	20.00	ng		0.00
75) Chrysene-d12	14.03	240	184016	20.00	ng		0.00
86) Perylene-d12	15.50	264	161666	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	270688	79.08	ng		0.00
7) Phenol-d6	6.48	99	330958	79.64	ng		0.00
23) Nitrobenzene-d5	7.42	82	306122	79.90	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	107661	78.78	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	663258	79.77	ng		0.00
78) Terphenyl-d14	12.96	244	705814	83.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	52867	37.351	ng		98
3) Pyridine	3.36	79	137649	37.515	ng		91
4) n-Nitrosodimethylamine	3.33	42	75645	42.210	ng	#	85
6) Aniline	6.51	93	215632	39.902	ng		98
8) 2-Chlorophenol	6.63	128	151328	40.548	ng		96
9) Benzaldehyde	6.40	77	85573	33.644	ng		95
10) Phenol	6.49	94	182683	39.535	ng		89
11) bis(2-Chloroethyl)ether	6.58	93	136645	39.424	ng		96
12) 1,3-Dichlorobenzene	6.78	146	174249	40.097	ng		98
13) 1,4-Dichlorobenzene	6.86	146	176475	39.224	ng		98
14) 1,2-Dichlorobenzene	7.02	146	166186	39.600	ng		96
15) Benzyl Alcohol	6.99	79	128520	40.042	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	187148	39.723	ng		92
17) 2-Methylphenol	7.10	107	119864	39.774	ng		96
18) Hexachloroethane	7.35	117	59036	40.842	ng		93
19) n-Nitroso-di-n-propylamine	7.26	70	111630	39.886	ng		96
20) 3+4-Methylphenols	7.26	107	155311	39.517	ng	#	63
22) Acetophenone	7.26	105	220591	39.949	ng	#	88
24) Nitrobenzene	7.43	77	149707	39.867	ng		98
25) Isophorone	7.67	82	263243	40.223	ng		99
26) 2-Nitrophenol	7.75	139	81241	39.411	ng		98
27) 2,4-Dimethylphenol	7.78	122	121810	40.849	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	179009	40.697	ng		98
29) 2,4-Dichlorophenol	7.99	162	133194	41.035	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	146295	40.989	ng		99
31) Naphthalene	8.15	128	448311	39.798	ng		100
32) Benzoic acid	7.93	122	96937	41.796	ng		94
33) 4-Chloroaniline	8.20	127	181959	40.202	ng		99
34) Hexachlorobutadiene	8.26	225	88971	40.643	ng		98
35) Caprolactam	8.59	113	39355	38.905	ng		96
36) 4-Chloro-3-methylphenol	8.69	107	136602	40.628	ng		99
37) 2-Methylnaphthalene	8.84	142	303545	39.658	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	167163	40.450	ng	#	97
40) Hexachlorocyclopentadiene	8.99	237	54250	40.509	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	97749	40.349	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	107252	41.411	ng	#	90
45) 1,1'-Biphenyl	9.30	154	411645	39.495	ng		99
46) 2-Chloronaphthalene	9.33	162	295703	39.949	ng		96
47) 2-Nitroaniline	9.43	65	87279	39.854	ng		98
48) Acenaphthylene	9.75	152	474804	39.032	ng		99
49) Dimethylphthalate	9.61	163	365088	39.794	ng		99
50) 2,6-Dinitrotoluene	9.68	165	77065	39.882	ng	#	80
51) Acenaphthene	9.92	154	284606	39.073	ng		98
52) 3-Nitroaniline	9.85	138	84755	39.003	ng		90
53) 2,4-Dinitrophenol	9.96	184	33727	36.721	ng	#	15
54) Dibenzofuran	10.09	168	405918	38.671	ng		100
55) 4-Nitrophenol	10.02	139	52921	36.111	ng		91
56) 2,4-Dinitrotoluene	10.09	165	97148	37.514	ng	#	94
57) Fluorene	10.44	166	336008	39.378	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	81197	39.155	ng		88
59) Diethylphthalate	10.30	149	359014	39.674	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	168794	40.064	ng		95
61) 4-Nitroaniline	10.47	138	85485	37.897	ng		96
62) Azobenzene	10.59	77	303515	39.523	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	59723	38.952	ng	#	70
65) n-Nitrosodiphenylamine	10.55	169	326704	40.511	ng		95
66) 4-Bromophenyl-phenylether	10.92	248	102935	40.229	ng	#	88
67) Hexachlorobenzene	10.99	284	110271	40.211	ng	#	88
68) Atrazine	11.07	200	96872	39.159	ng		97
69) Pentachlorophenol	11.19	266	58471	38.778	ng		98
70) Phenanthrene	11.40	178	489820	38.910	ng		98
71) Anthracene	11.46	178	499508	39.205	ng		99
72) Carbazole	11.61	167	444950	38.223	ng		98
73) Di-n-butylphthalate	11.93	149	577798	39.600	ng		98
74) Fluoranthene	12.59	202	519666	37.240	ng		97
76) Benzidine	12.72	184	231231	38.642	ng		99
77) Pyrene	12.83	202	533041	41.979	ng		99
79) Butylbenzylphthalate	13.43	149	237426	42.411	ng		92
80) Benzo(a)anthracene	14.02	228	466530	40.154	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	159434	39.623	ng		99
82) Chrysene	14.06	228	435465	40.357	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	326587	40.914	ng		100
84) Di-n-octyl phthalate	14.60	149	536853	40.394	ng		98
85) Indeno(1,2,3-cd)pyrene	17.00	276	334076	34.825	ng	#	92
87) Benzo(b)fluoranthene	15.07	252	396695	40.967	ng		98
88) Benzo(k)fluoranthene	15.10	252	386111	40.472	ng	#	97
89) Benzo(a)pyrene	15.44	252	351673	39.947	ng		98
90) Dibenzo(a,h)anthracene	17.01	278	283980	36.590	ng	#	95
91) Benzo(g,h,i)perylene	17.45	276	263017	35.960	ng	#	91

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

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