Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100906.D
Acq On : 27 Nov 2017 22:27
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/28/2017 2:45:57 PM

Quant Time: Nov 28 02:08:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 14:11:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	64737	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	254988	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	117885	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	208590	20.00	ng		0.00
75) Chrysene-d12	14.03	240	142713	20.00	ng		0.00
86) Perylene-d12	15.49	264	135207	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	327754	81.16	ng		0.00
7) Phenol-d6	6.49	99	391112	78.54	ng		0.00
23) Nitrobenzene-d5	7.43	82	351848	91.23	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	105309	87.67	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	714818	92.33	ng		0.00
78) Terphenyl-d14	12.97	244	580686	93.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	70672	35.909	ng		98
3) Pyridine	3.39	79	188773	35.157	ng		94
4) n-Nitrosodimethylamine	3.35	42	91853	35.234	ng	#	92
6) Aniline	6.53	93	253474	36.027	ng		99
8) 2-Chlorophenol	6.65	128	175617	41.105	ng		98
9) Benzaldehyde	6.42	77	119855	33.701	ng		93
10) Phenol	6.50	94	216990	41.506	ng		95
11) bis(2-Chloroethyl)ether	6.60	93	162459	36.996	ng		98
12) 1,3-Dichlorobenzene	6.80	146	203560	41.326	ng		99
13) 1,4-Dichlorobenzene	6.88	146	206964	41.514	ng		97
14) 1,2-Dichlorobenzene	7.03	146	194823	42.266	ng		96
15) Benzyl Alcohol	7.00	79	152175	39.153	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	230425m	32.808	ng		
17) 2-Methylphenol	7.11	107	142066	38.912	ng		99
18) Hexachloroethane	7.37	117	57703	35.104	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	126914	36.748	ng		96
20) 3+4-Methylphenols	7.27	107	181355	39.253	ng	#	66
22) Acetophenone	7.27	105	247663	39.831	ng	#	98
24) Nitrobenzene	7.45	77	175292	44.158	ng		99
25) Isophorone	7.68	82	301605	37.213	ng		98
26) 2-Nitrophenol	7.76	139	91264	48.919	ng		98
27) 2,4-Dimethylphenol	7.79	122	136873	37.673	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	202241	38.148	ng		99
29) 2,4-Dichlorophenol	8.00	162	152042	43.836	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	163516	43.583	ng		99
31) Naphthalene	8.16	128	513678	41.825	ng		99
32) Benzoic acid	7.91	122	105588m	39.913	ng		
33) 4-Chloroaniline	8.22	127	211757	41.422	ng		96
34) Hexachlorobutadiene	8.27	225	98479	44.147	ng		97
35) Caprolactam	8.60	113	44263	37.186	ng		92
36) 4-Chloro-3-methylphenol	8.69	107	153794	41.286	ng		99
37) 2-Methylnaphthalene	8.86	142	338421	41.505	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	181164	46.338	ng	#	96
40) Hexachlorocyclopentadiene	9.00	237	22937	12.465	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	111736	45.093	ng		97
43) 2,4,5-Trichlorophenol	9.17	196	116698	45.456	ng	#	93
45) 1,1'-Biphenyl	9.32	154	449549	44.091	ng		97
46) 2-Chloronaphthalene	9.35	162	322259	43.568	ng		97
47) 2-Nitroaniline	9.45	65	97126	44.645	ng		93
48) Acenaphthylene	9.76	152	523385	42.697	ng		99
49) Dimethylphthalate	9.62	163	396199	44.019	ng		99
50) 2,6-Dinitrotoluene	9.69	165	83505	46.870	ng	#	81
51) Acenaphthene	9.93	154	303089	40.655	ng		99
52) 3-Nitroaniline	9.86	138	93669	44.523	ng		89
53) 2,4-Dinitrophenol	9.96	184	11109m	25.357	ng		
54) Dibenzofuran	10.10	168	434354	41.570	ng		99
55) 4-Nitrophenol	10.01	139	55708	32.610	ng		91
56) 2,4-Dinitrotoluene	10.09	165	104165	46.345	ng		94
57) Fluorene	10.45	166	344115	44.956	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	85821	40.788	ng	#	84
59) Diethylphthalate	10.32	149	382629	42.481	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	173358	46.167	ng		93
61) 4-Nitroaniline	10.47	138	84988	42.603	ng		91
62) Azobenzene	10.60	77	310471	36.598	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	29345	31.458	ng	#	73
65) n-Nitrosodiphenylamine	10.56	169	333329	45.958	ng		94
66) 4-Bromophenyl-phenylether	10.93	248	102412	45.800	ng	#	86
67) Hexachlorobenzene	10.99	284	106000	45.325	ng	#	89
68) Atrazine	11.08	200	96114	43.778	ng		97
69) Pentachlorophenol	11.19	266	57196	34.107	ng		94
70) Phenanthrene	11.41	178	464436	42.289	ng		98
71) Anthracene	11.46	178	466267	41.846	ng		99
72) Carbazole	11.62	167	405092	39.402	ng		98
73) Di-n-butylphthalate	11.94	149	541591	45.015	ng		98
74) Fluoranthene	12.60	202	443582	38.110	ng		95
76) Benzidine	12.72	184	186390	32.612	ng		98
77) Pyrene	12.83	202	447168	43.956	ng		99
79) Butylbenzylphthalate	13.44	149	185652	44.749	ng	#	87
80) Benzo(a)anthracene	14.02	228	365183	42.492	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	129757	42.140	ng	#	98
82) Chrysene	14.05	228	341222	41.001	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	251929	46.170	ng		99
84) Di-n-octyl phthalate	14.60	149	388916	41.489	ng		98
85) Indeno(1,2,3-cd)pyrene	16.97	276	304145	45.183	ng	#	93
87) Benzo(b)fluoranthene	15.06	252	344067	42.953	ng		98
88) Benzo(k)fluoranthene	15.09	252	310280	40.996	ng		96
89) Benzo(a)pyrene	15.43	252	297164	41.846	ng		98
90) Dibenzo(a,h)anthracene	16.99	278	255220	43.946	ng	#	93
91) Benzo(g,h,i)perylene	17.42	276	239253	42.085	ng	#	92

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

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