Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101187.D
Acq On : 7 Dec 2017 00:54
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/7/2017 11:36:12 AM

Quant Time: Dec 07 02:06:38 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	6.85	152	43159	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	163445	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	69629	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	111900	20.00	ng		0.00
75) Chrysene-d12	14.02	240	100099	20.00	ng		0.00
86) Perylene-d12	15.50	264	103837	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	219040	83.86	ng		0.00
7) Phenol-d6	6.49	99	257338	81.15	ng		0.00
23) Nitrobenzene-d5	7.42	82	221340	80.78	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	55999	66.95	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	459375	90.27	ng		0.00
78) Terphenyl-d14	12.96	244	332220	72.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	42761	39.593	ng		96
3) Pyridine	3.36	79	117750	42.057	ng		97
4) n-Nitrosodimethylamine	3.31	42	58273	42.614	ng		89
6) Aniline	6.52	93	161067	39.061	ng		99
8) 2-Chlorophenol	6.63	128	115092	40.414	ng		99
9) Benzaldehyde	6.40	77	73421	37.830	ng		96
10) Phenol	6.50	94	138402	39.252	ng		94
11) bis(2-Chloroethyl)ether	6.59	93	103636	39.186	ng		98
12) 1,3-Dichlorobenzene	6.79	146	136550	41.179	ng		96
13) 1,4-Dichlorobenzene	6.87	146	139666	40.682	ng		96
14) 1,2-Dichlorobenzene	7.02	146	128039	39.984	ng		97
15) Benzyl Alcohol	6.99	79	96132	39.251	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	139490m	38.801	ng		
17) 2-Methylphenol	7.10	107	89029	38.716	ng		98
18) Hexachloroethane	7.36	117	38865	35.236	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	81739	38.275	ng		96
20) 3+4-Methylphenols	7.26	107	115468	38.503	ng	#	73
22) Acetophenone	7.26	105	161852	40.988	ng	#	95
24) Nitrobenzene	7.44	77	109077	40.620	ng		94
25) Isophorone	7.67	82	183751	39.262	ng		97
26) 2-Nitrophenol	7.75	139	54591	37.033	ng		95
27) 2,4-Dimethylphenol	7.79	122	85725	40.200	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	125277	39.827	ng		100
29) 2,4-Dichlorophenol	7.99	162	93433	40.253	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	105126	41.188	ng		95
31) Naphthalene	8.16	128	319852	39.706	ng		99
32) Benzoic acid	7.90	122	44927	27.088	ng		97
33) 4-Chloroaniline	8.20	127	126520	39.089	ng		98
34) Hexachlorobutadiene	8.26	225	64296	41.072	ng		97
35) Caprolactam	8.58	113	24018	33.202	ng		93
36) 4-Chloro-3-methylphenol	8.69	107	89063	37.041	ng		93
37) 2-Methylnaphthalene	8.85	142	207698	37.946	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	113081	44.705	ng	#	96
40) Hexachlorocyclopentadiene	8.99	237	5313	13.346	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	62540	42.177	ng		97
43) 2,4,5-Trichlorophenol	9.17	196	66050	41.666	ng		92
45) 1,1'-Biphenyl	9.31	154	278337	43.630	ng		97
46) 2-Chloronaphthalene	9.33	162	193897	42.798	ng		97
47) 2-Nitroaniline	9.43	65	53327	39.784	ng		97
48) Acenaphthylene	9.75	152	302689	40.654	ng		99
49) Dimethylphthalate	9.60	163	236281	42.077	ng		99
50) 2,6-Dinitrotoluene	9.67	165	44893	37.957	ng		97
51) Acenaphthene	9.92	154	178174	39.965	ng		98
52) 3-Nitroaniline	9.85	138	51686	38.860	ng		94
53) 2,4-Dinitrophenol	9.97	184	2504	8.696	ng	#	23
54) Dibenzofuran	10.09	168	253270	39.421	ng		99
55) 4-Nitrophenol	10.01	139	24259	27.045	ng		95
56) 2,4-Dinitrotoluene	10.08	165	54366	34.299	ng	#	93
57) Fluorene	10.44	166	198527	38.012	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	43495	34.268	ng	#	87
59) Diethylphthalate	10.30	149	222315	40.138	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	104695	40.600	ng	#	88
61) 4-Nitroaniline	10.46	138	47364	34.305	ng		90
62) Azobenzene	10.59	77	173995	37.017	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	8353	11.129	ng		76
65) n-Nitrosodiphenylamine	10.55	169	189352	47.965	ng		95
66) 4-Bromophenyl-phenylether	10.92	248	58781	46.930	ng	#	87
67) Hexachlorobenzene	10.99	284	57108	42.542	ng	#	88
68) Atrazine	11.07	200	51136	42.228	ng		98
69) Pentachlorophenol	11.19	266	25243	34.200	ng		99
70) Phenanthrene	11.40	178	247184	40.112	ng		98
71) Anthracene	11.45	178	249284	39.970	ng		99
72) Carbazole	11.61	167	209788	36.815	ng		97
73) Di-n-butylphthalate	11.93	149	302204	42.311	ng		99
74) Fluoranthene	12.59	202	238058	34.851	ng		94
76) Benzidine	12.72	184	114708	35.240	ng		96
77) Pyrene	12.82	202	242909	35.168	ng		98
79) Butylbenzylphthalate	13.43	149	104626	34.357	ng		93
80) Benzo(a)anthracene	14.01	228	249468	39.472	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	89353	40.823	ng		96
82) Chrysene	14.05	228	233110	39.715	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	150511	34.663	ng		99
84) Di-n-octyl phthalate	14.60	149	268403	37.125	ng		100
85) Indeno(1,2,3-cd)pyrene	17.00	276	216404	41.470	ng	#	93
87) Benzo(b)fluoranthene	15.07	252	242908	39.056	ng	#	97
88) Benzo(k)fluoranthene	15.10	252	243078	39.669	ng	#	96
89) Benzo(a)pyrene	15.44	252	221057	39.095	ng	#	97
90) Dibenzo(a,h)anthracene	17.00	278	190197	38.155	ng		96
91) Benzo(g,h,i)perylene	17.44	276	170223	36.235	ng	#	91

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

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