Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
Data File : BF101586.D
Acq On : 21 Dec 2017 3:53
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/21/2017 12:07:12 PM

Quant Time: Dec 21 05:32:26 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	128735	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	492496	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	194711	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	308569	20.00	ng		0.00
75) Chrysene-d12	13.97	240	244420	20.00	ng		0.00
86) Perylene-d12	15.44	264	294220	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	713309	82.54	ng		0.00
7) Phenol-d6	6.44	99	793582	73.78	ng		0.00
23) Nitrobenzene-d5	7.37	82	706688	79.88	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	130265	69.43	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1096143	87.33	ng		0.00
78) Terphenyl-d14	12.90	244	725065	71.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	173887	39.157	ng		94
3) Pyridine	3.25	79	472590	38.303	ng		96
4) n-Nitrosodimethylamine	3.22	42	215106	37.865	ng		100
6) Aniline	6.46	93	538297	36.014	ng	#	85
8) 2-Chlorophenol	6.59	128	347205	38.191	ng		98
9) Benzaldehyde	6.36	77	292289	36.797	ng		99
10) Phenol	6.45	94	456088	37.204	ng		91
11) bis(2-Chloroethyl)ether	6.53	93	368645	38.337	ng		95
12) 1,3-Dichlorobenzene	6.73	146	386610	37.679	ng		97
13) 1,4-Dichlorobenzene	6.82	146	392223	37.433	ng		98
14) 1,2-Dichlorobenzene	6.97	146	360124	38.184	ng		97
15) Benzyl Alcohol	6.95	79	271552	36.680	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	539988	36.692	ng		60
17) 2-Methylphenol	7.06	107	298432	35.686	ng	#	94
18) Hexachloroethane	7.30	117	127438	34.982	ng		95
19) n-Nitroso-di-n-propylamine	7.21	70	254338	36.007	ng		93
20) 3+4-Methylphenols	7.22	107	353984	39.945	ng	#	57
22) Acetophenone	7.22	105	455596	40.542	ng	#	89
24) Nitrobenzene	7.39	77	388094	39.634	ng		95
25) Isophorone	7.62	82	654490	36.876	ng		96
26) 2-Nitrophenol	7.70	139	164993	39.221	ng		97
27) 2,4-Dimethylphenol	7.74	122	270179	37.805	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	432763	38.385	ng		98
29) 2,4-Dichlorophenol	7.95	162	272774	38.633	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	279220	37.474	ng		97
31) Naphthalene	8.10	128	925977	37.347	ng		99
32) Benzoic acid	7.88	122	139660m	32.153	ng		
33) 4-Chloroaniline	8.16	127	395386	36.690	ng		97
34) Hexachlorobutadiene	8.21	225	167599	38.891	ng		99
35) Caprolactam	8.54	113	82789	33.768	ng		92
36) 4-Chloro-3-methylphenol	8.65	107	285122	36.741	ng		98
37) 2-Methylnaphthalene	8.79	142	581758	36.014	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	272247	41.413	ng		98
40) Hexachlorocyclopentadiene	8.94	237	1878	13.280	ng		83

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	173365	43.805	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	177321	40.919	ng		97
45) 1,1'-Biphenyl	9.26	154	701076	40.600	ng		99
46) 2-Chloronaphthalene	9.29	162	521947	39.504	ng		96
47) 2-Nitroaniline	9.39	65	194651	42.646	ng		91
48) Acenaphthylene	9.70	152	790363	37.872	ng		99
49) Dimethylphthalate	9.56	163	606846	38.747	ng		99
50) 2,6-Dinitrotoluene	9.63	165	123510	38.801	ng		95
51) Acenaphthene	9.87	154	477523	38.086	ng		99
52) 3-Nitroaniline	9.80	138	157551	39.699	ng		97
53) 2,4-Dinitrophenol	9.95	184	4626	13.955	ng	#	17
54) Dibenzofuran	10.04	168	640696	40.210	ng		97
55) 4-Nitrophenol	9.99	139	57624	33.299	ng		94
56) 2,4-Dinitrotoluene	10.05	165	140715	39.236	ng	#	78
57) Fluorene	10.39	166	517427	38.387	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	115425	37.074	ng		91
59) Diethylphthalate	10.25	149	593185	38.246	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	261238	40.439	ng		89
61) 4-Nitroaniline	10.42	138	135970	34.086	ng		99
62) Azobenzene	10.53	77	592501	36.878	ng		97
64) 4,6-Dinitro-2-methylphenol	10.47	198	21233	13.484	ng		90
65) n-Nitrosodiphenylamine	10.49	169	495270	43.469	ng		95
66) 4-Bromophenyl-phenylether	10.86	248	148272	42.765	ng	#	90
67) Hexachlorobenzene	10.94	284	146377	39.890	ng	#	86
68) Atrazine	11.02	200	130808	38.503	ng		94
69) Pentachlorophenol	11.14	266	51937	39.970	ng		98
70) Phenanthrene	11.35	178	647955	37.760	ng		99
71) Anthracene	11.40	178	665779	37.983	ng		99
72) Carbazole	11.56	167	590958	36.010	ng		99
73) Di-n-butylphthalate	11.87	149	831397	41.739	ng		99
74) Fluoranthene	12.54	202	611110	33.928	ng		97
76) Benzidine	12.67	184	313548	30.373	ng		99
77) Pyrene	12.77	202	624670	34.054	ng		100
79) Butylbenzylphthalate	13.37	149	294763	35.513	ng		96
80) Benzo(a)anthracene	13.96	228	603023	37.363	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	216967	41.229	ng		99
82) Chrysene	14.00	228	582983	38.257	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	394265	37.503	ng		97
84) Di-n-octyl phthalate	14.54	149	716424	38.211	ng		98
85) Indeno(1,2,3-cd)pyrene	16.92	276	660150	48.648	ng		96
87) Benzo(b)fluoranthene	15.02	252	636751	35.506	ng		98
88) Benzo(k)fluoranthene	15.04	252	625577m	35.878	ng		
89) Benzo(a)pyrene	15.38	252	612876	37.072	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	555219	39.116	ng		97
91) Benzo(g,h,i)perylene	17.36	276	537065	38.211	ng		95

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

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