Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098596.D
Acq On : 18 Sep 2017 12:19
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/19/2017 5:31:34 PM

Quant Time: Sep 18 13:36:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	94606	20.00	ng		-0.04
21) Naphthalene-d8	7.92	136	386697	20.00	ng		-0.03
38) Acenaphthene-d10	9.67	164	181661	20.00	ng		-0.04
63) Phenanthrene-d10	11.15	188	346306	20.00	ng		-0.04
75) Chrysene-d12	13.79	240	238913	20.00	ng		-0.03
86) Perylene-d12	15.17	264	175647	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	512112	80.03	ng		-0.03
7) Phenol-d6	6.29	99	628984	77.42	ng		-0.03
23) Nitrobenzene-d5	7.21	82	559334	80.64	ng		-0.03
41) 2,4,6-Tribromophenol	10.46	330	125086	103.17	ng		-0.03
44) 2-Fluorobiphenyl	9.00	172	997955	93.11	ng		-0.03
78) Terphenyl-d14	12.73	244	1025917	92.69	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	139340	42.191	ng		88
3) Pyridine	2.91	79	281170	32.058	ng	#	80
4) n-Nitrosodimethylamine	2.88	42	142919	33.238	ng		85
6) Aniline	6.30	93	383567	37.634	ng	#	41
8) 2-Chlorophenol	6.42	128	283979	40.360	ng		94
9) Benzaldehyde	6.19	77	182429	34.350	ng		95
10) Phenol	6.30	94	360875	38.243	ng	#	63
11) bis(2-Chloroethyl)ether	6.38	93	253870	35.682	ng		98
12) 1,3-Dichlorobenzene	6.57	146	293492	41.442	ng		98
13) 1,4-Dichlorobenzene	6.65	146	303275	41.807	ng		95
14) 1,2-Dichlorobenzene	6.80	146	283042	42.827	ng		98
15) Benzyl Alcohol	6.79	79	231369	42.792	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.92	45	401408	34.290	ng		80
17) 2-Methylphenol	6.91	107	221388	38.586	ng	#	89
18) Hexachloroethane	7.14	117	111036	39.968	ng	#	84
19) n-Nitroso-di-n-propylamine	7.06	70	195776	38.311	ng		95
20) 3+4-Methylphenols	7.07	107	295105	40.758	ng	#	66
22) Acetophenone	7.06	105	413143	41.337	ng	#	93
24) Nitrobenzene	7.23	77	308066	38.991	ng		98
25) Isophorone	7.47	82	513264	36.573	ng		98
26) 2-Nitrophenol	7.55	139	147876	46.355	ng	#	87
27) 2,4-Dimethylphenol	7.59	122	245060	40.298	ng		97
28) bis(2-Chloroethoxy)methane	7.68	93	319102	37.264	ng		99
29) 2,4-Dichlorophenol	7.79	162	224466	44.381	ng		97
30) 1,2,4-Trichlorobenzene	7.86	180	250277	45.491	ng		98
31) Naphthalene	7.94	128	799064	41.800	ng		99
32) Benzoic acid	7.75	122	152654	39.177	ng		95
33) 4-Chloroaniline	8.00	127	316474	40.734	ng		99
34) Hexachlorobutadiene	8.06	225	137632	48.730	ng		98
35) Caprolactam	8.38	113	65411	37.505	ng	#	73
36) 4-Chloro-3-methylphenol	8.49	107	262832	41.903	ng	#	82
37) 2-Methylnaphthalene	8.63	142	489272	42.253	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	255857	45.215	ng		98
40) Hexachlorocyclopentadiene	8.78	237	44766	33.526	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	146937	44.208	ng		90
43) 2,4,5-Trichlorophenol	8.96	196	151780	43.689	ng		96
45) 1,1'-Biphenyl	9.10	154	680179	41.832	ng		99
46) 2-Chloronaphthalene	9.12	162	488262	42.047	ng	#	93
47) 2-Nitroaniline	9.23	65	168722	37.855	ng		94
48) Acenaphthylene	9.53	152	715350	41.432	ng		99
49) Dimethylphthalate	9.40	163	574224	40.835	ng		98
50) 2,6-Dinitrotoluene	9.47	165	124617	43.142	ng	#	68
51) Acenaphthene	9.70	154	450381	41.036	ng		98
52) 3-Nitroaniline	9.64	138	135146	38.759	ng		97
53) 2,4-Dinitrophenol	9.76	184	47542	39.634	ng	#	79
54) Dibenzofuran	9.87	168	614788	42.520	ng		96
55) 4-Nitrophenol	9.82	139	72780	36.331	ng	#	38
56) 2,4-Dinitrotoluene	9.88	165	160466	45.695	ng	#	77
57) Fluorene	10.22	166	515501	43.075	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.00	232	100655	43.112	ng		99
59) Diethylphthalate	10.10	149	560912	41.942	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	250051	45.236	ng		92
61) 4-Nitroaniline	10.26	138	129839	36.872	ng		87
62) Azobenzene	10.37	77	514116	35.669	ng		95
64) 4,6-Dinitro-2-methylphenol	10.29	198	88768	42.433	ng	#	68
65) n-Nitrosodiphenylamine	10.33	169	454464	40.416	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	146234	44.492	ng		98
67) Hexachlorobenzene	10.76	284	154272	46.274	ng	#	84
68) Atrazine	10.86	200	152005	43.909	ng		98
69) Pentachlorophenol	10.97	266	44372	34.398	ng		96
70) Phenanthrene	11.17	178	746947	40.686	ng		99
71) Anthracene	11.23	178	773009	41.011	ng		98
72) Carbazole	11.39	167	692776	39.438	ng		99
73) Di-n-butylphthalate	11.72	149	890033	42.287	ng		99
74) Fluoranthene	12.36	202	778127	42.339	ng		95
76) Benzidine	12.49	184	423905	40.091	ng		95
77) Pyrene	12.59	202	783295	41.561	ng		98
79) Butylbenzylphthalate	13.21	149	354889	43.404	ng	#	85
80) Benzo(a)anthracene	13.77	228	586878	41.899	ng		98
81) 3,3'-Dichlorobenzidine	13.74	252	224792	41.296	ng	#	96
82) Chrysene	13.82	228	572148	40.409	ng		98
83) Bis(2-ethylhexyl)phthalate	13.77	149	484470	47.212	ng	#	99
84) Di-n-octyl phthalate	14.37	149	758169	43.064	ng		100
85) Indeno(1,2,3-cd)pyrene	16.52	276	390862	39.347	ng	#	92
87) Benzo(b)fluoranthene	14.79	252	492887m	44.629	ng		
88) Benzo(k)fluoranthene	14.82	252	428870	41.596	ng	#	92
89) Benzo(a)pyrene	15.12	252	415161	42.195	ng		98
90) Dibenzo(a,h)anthracene	16.52	278	318019	44.432	ng		97
91) Benzo(g,h,i)perylene	16.91	276	315415	43.814	ng	#	90

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

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