Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB093016\
Data File : BB058572.D
Acq On : 30 Sep 2016 18:12
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
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9/30/2016 7:24:51 PM

Quant Time: Sep 30 19:02:01 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\8270-BB093016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 14:16:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	334683	20.00	ng		0.00
21) Naphthalene-d8	11.62	136	1330680	20.00	ng		0.00
38) Acenaphthene-d10	15.57	164	748113	20.00	ng		-0.02
63) Phenanthrene-d10	18.42	188	1166216	20.00	ng		0.00
75) Chrysene-d12	22.79	240	1111986	20.00	ng		-0.02
86) Perylene-d12	25.85	264	973321	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.08	112	2067952	94.81	ng		0.00
7) Phenol-d6	7.83	99	2423887	94.50	ng		-0.02
23) Nitrobenzene-d5	9.91	82	2538752	91.89	ng		-0.02
41) 2,4,6-Tribromophenol	17.13	330	794269	82.89	ng		-0.02
44) 2-Fluorobiphenyl	14.17	172	3649591	80.61	ng		-0.02
78) Terphenyl-d14	21.10	244	3035401	77.87	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.69	88	408830	46.97	ng		96
3) Pyridine	4.13	79	1041027	47.55	ng		98
4) n-Nitrosodimethylamine	4.08	42	779551	47.73	ng		99
6) Aniline	7.97	93	1481086	46.74	ng		97
8) 2-Chlorophenol	8.23	128	1163642	47.06	ng		97
9) Benzaldehyde	7.73	77	532024	38.53	ng		92
10) Phenol	7.85	94	1254263	47.36	ng		99
11) bis(2-Chloroethyl)ether	8.06	93	1105894	47.67	ng		94
12) 1,3-Dichlorobenzene	8.56	146	1158987	46.18	ng		99
13) 1,4-Dichlorobenzene	8.72	146	1187583	46.12	ng		99
14) 1,2-Dichlorobenzene	9.06	146	1138791	47.24	ng		98
15) Benzyl Alcohol	8.93	79	883767	47.59	ng		96
16) 2,2'-oxybis(1-Chloropropan	9.26	45	2095228	49.64	ng		98
17) 2-Methylphenol	9.16	107	822298	46.79	ng		98
18) Hexachloroethane	9.83	117	542526	47.80	ng	#	88
19) n-Nitroso-di-n-propylamine	9.56	70	888449	48.00	ng		96
20) 3+4-Methylphenols	9.53	107	1069055	46.55	ng	#	84
22) Acetophenone	9.54	105	1358044	44.50	ng	#	98
24) Nitrobenzene	9.95	77	1273949	45.72	ng		92
25) Isophorone	10.51	82	2394455	44.82	ng		97
26) 2-Nitrophenol	10.70	139	724743	45.49	ng		90
27) 2,4-Dimethylphenol	10.78	122	1028976	45.50	ng		99
28) bis(2-Chloroethoxy)methane	11.01	93	1334951	47.23	ng		99
29) 2,4-Dichlorophenol	11.28	162	941934	44.90	ng		95
30) 1,2,4-Trichlorobenzene	11.49	180	954955	44.96	ng		99
31) Naphthalene	11.68	128	2861512	44.49	ng		97
32) Benzoic acid	11.05	122	744857m	49.09	ng		
33) 4-Chloroaniline	11.78	127	1280640	44.86	ng		97
34) Hexachlorobutadiene	12.03	225	494956	44.12	ng		98
35) Caprolactam	12.63	113	399352m	45.83	ng		
36) 4-Chloro-3-methylphenol	12.97	107	1039730	45.16	ng		99
37) 2-Methylnaphthalene	13.34	142	1897809	45.09	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	879475	41.21	ng		100
40) Hexachlorocyclopentadiene	13.74	237	425398	40.93	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	655927	40.12	ng		97
43) 2,4,5-Trichlorophenol	14.05	196	658565	38.99	ng		98
45) 1,1'-Biphenyl	14.38	154	2402699	40.83	ng		96
46) 2-Chloronaphthalene	14.42	162	1822908	39.06	ng		98
47) 2-Nitroaniline	14.61	65	747537	40.24	ng		91
48) Acenaphthylene	15.30	152	3002670	41.89	ng		94
49) Dimethylphthalate	15.01	163	2285999	41.76	ng	#	96
50) 2,6-Dinitrotoluene	15.13	165	656661	41.88	ng		97
51) Acenaphthene	15.65	154	1917450	39.43	ng		98
52) 3-Nitroaniline	15.48	138	702310	42.53	ng		98
53) 2,4-Dinitrophenol	15.67	184	409035	40.44	ng	#	1
54) Dibenzofuran	16.00	168	2489617	40.73	ng		99
55) 4-Nitrophenol	15.80	139	587731	40.12	ng		98
56) 2,4-Dinitrotoluene	15.94	165	824660	39.79	ng	#	60
57) Fluorene	16.67	166	2146434	42.64	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.25	232	482229	38.46	ng		97
59) Diethylphthalate	16.42	149	2458036	41.55	ng	#	90
60) 4-Chlorophenyl-phenylether	16.65	204	972455	41.52	ng		98
61) 4-Nitroaniline	15.48	138	702310	42.53	ng		98
62) Azobenzene	16.96	77	2491409	41.67	ng		90
64) 4,6-Dinitro-2-methylphenol	16.75	198	516125	42.13	ng	#	35
65) n-Nitrosodiphenylamine	16.88	169	1916318	46.55	ng		97
66) 4-Bromophenyl-phenylether	17.57	248	535991	41.36	ng	#	89
67) Hexachlorobenzene	17.75	284	698704	44.01	ng	#	72
68) Atrazine	17.86	200	539532	40.41	ng		99
69) Pentachlorophenol	18.08	266	440546	43.05	ng		99
70) Phenanthrene	18.46	178	2759836	44.49	ng		96
71) Anthracene	18.56	178	2738661	43.20	ng		95
72) Carbazole	18.83	167	2584370	41.09	ng		94
73) Di-n-butylphthalate	19.40	149	3695618	40.79	ng	#	92
74) Fluoranthene	20.52	202	2585316	41.64	ng		96
76) Benzidine	20.69	184	1351939	38.78	ng		100
77) Pyrene	20.89	202	2710274	40.83	ng		94
79) Butylbenzylphthalate	21.79	149	1912769	40.38	ng	#	93
80) Benzo(a)anthracene	22.77	228	2605184	43.82	ng		96
81) 3,3'-Dichlorobenzidine	22.68	252	967316	41.97	ng	#	96
82) Chrysene	22.85	228	2538805	44.73	ng		93
83) Bis(2-ethylhexyl)phthalate	22.68	149	2520923	42.06	ng	#	93
84) Di-n-octyl phthalate	23.85	149	4435797	42.32	ng		97
85) Indeno(1,2,3-cd)pyrene	29.19	276	2284310	40.49	ng		96
87) Benzo(b)fluoranthene	24.93	252	2502501	40.91	ng		98
88) Benzo(k)fluoranthene	24.99	252	2435026	48.56	ng		97
89) Benzo(a)pyrene	25.74	252	2357428	45.02	ng	#	97
90) Dibenzo(a,h)anthracene	29.22	278	1887502	43.31	ng		98
91) Benzo(g,h,i)perylene	30.19	276	1759500	42.51	ng	#	93

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

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