Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB093016\
Data File : BB058564.D
Acq On : 29 Sep 2016 19:17
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
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9/30/2016 7:24:53 PM

Quant Time: Sep 30 10:16:12 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 10:10:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	427211	20.00	ng		-0.02
21) Naphthalene-d8	11.63	136	1597167	20.00	ng		0.00
38) Acenaphthene-d10	15.57	164	813414	20.00	ng		0.00
63) Phenanthrene-d10	18.40	188	1366553	20.00	ng		-0.02
75) Chrysene-d12	22.79	240	1302958	20.00	ng		0.00
86) Perylene-d12	25.86	264	1183927	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	1393440	52.91	ng		0.00
7) Phenol-d6	7.81	99	1639081	52.84	ng		0.00
23) Nitrobenzene-d5	9.89	82	1659513	52.04	ng		0.00
41) 2,4,6-Tribromophenol	17.11	330	499026	54.99	ng		-0.02
44) 2-Fluorobiphenyl	14.15	172	2606865	59.53	ng		-0.02
78) Terphenyl-d14	21.10	244	2547171	59.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.69	88	271180	27.16	ng		98
3) Pyridine	4.13	79	680893	26.67	ng		99
4) n-Nitrosodimethylamine	4.06	42	515094	26.54	ng		94
6) Aniline	7.95	93	989868	25.28	ng		97
8) 2-Chlorophenol	8.22	128	776908	25.37	ng		100
9) Benzaldehyde	7.74	77	489143	34.22	ng		99
10) Phenol	7.83	94	837513	26.24	ng		97
11) bis(2-Chloroethyl)ether	8.04	93	729974	25.95	ng		91
12) 1,3-Dichlorobenzene	8.56	146	795007	25.44	ng		96
13) 1,4-Dichlorobenzene	8.70	146	807967	25.24	ng		98
14) 1,2-Dichlorobenzene	9.05	146	761582	25.57	ng		98
15) Benzyl Alcohol	8.93	79	587297	25.27	ng		99
16) 2,2'-oxybis(1-Chloropropan	9.24	45	1349295	27.00	ng		98
17) 2-Methylphenol	9.16	107	557177	25.41	ng		98
18) Hexachloroethane	9.83	117	355095	25.09	ng		95
19) n-Nitroso-di-n-propylamine	9.55	70	578472	25.47	ng		96
20) 3+4-Methylphenols	9.51	107	726752	25.76	ng	#	73
22) Acetophenone	9.53	105	917321	26.07	ng	#	91
24) Nitrobenzene	9.93	77	828203	25.96	ng		91
25) Isophorone	10.49	82	1573587	25.44	ng		95
26) 2-Nitrophenol	10.68	139	471097	24.18	ng		99
27) 2,4-Dimethylphenol	10.76	122	661561	24.43	ng		95
28) bis(2-Chloroethoxy)methane	10.99	93	844406	25.70	ng		100
29) 2,4-Dichlorophenol	11.26	162	629146	24.86	ng		98
30) 1,2,4-Trichlorobenzene	11.49	180	639648	24.90	ng		99
31) Naphthalene	11.66	128	2031737	26.65	ng		95
32) Benzoic acid	10.99	122	450161	25.95	ng		99
33) 4-Chloroaniline	11.76	127	859663	25.24	ng	#	94
34) Hexachlorobutadiene	12.01	225	336007	25.20	ng		100
35) Caprolactam	12.59	113	254507m	26.96	ng		
36) 4-Chloro-3-methylphenol	12.95	107	683114	25.46	ng		98
37) 2-Methylnaphthalene	13.32	142	1283344	26.02	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.72	216	583537	29.45	ng		99
40) Hexachlorocyclopentadiene	13.72	237	294325	27.19	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	426502	26.76	ng		97
43) 2,4,5-Trichlorophenol	14.03	196	442712	27.77	ng		96
45) 1,1'-Biphenyl	14.36	154	1634550	28.59	ng		93
46) 2-Chloronaphthalene	14.40	162	1261553	29.10	ng		96
47) 2-Nitroaniline	14.59	65	482007	28.60	ng		88
48) Acenaphthylene	15.28	152	2053348	30.36	ng		94
49) Dimethylphthalate	15.01	163	1588061	29.55	ng		98
50) 2,6-Dinitrotoluene	15.11	165	422402	27.33	ng	#	86
51) Acenaphthene	15.63	154	1317922	29.06	ng		97
52) 3-Nitroaniline	15.46	138	459580	28.40	ng		99
53) 2,4-Dinitrophenol	15.67	184	260312	24.79	ng	#	90
54) Dibenzofuran	15.98	168	1637599	28.50	ng		98
55) 4-Nitrophenol	15.78	139	387889	27.74	ng		97
56) 2,4-Dinitrotoluene	15.94	165	571338	28.22	ng		98
57) Fluorene	16.65	166	1370719	30.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.23	232	337066	28.31	ng		98
59) Diethylphthalate	16.42	149	1715806	31.40	ng		94
60) 4-Chlorophenyl-phenylether	16.65	204	642399	29.11	ng	#	87
61) 4-Nitroaniline	15.46	138	459580	28.40	ng		99
62) Azobenzene	16.94	77	1588818	28.80	ng		83
64) 4,6-Dinitro-2-methylphenol	16.73	198	333146	23.18	ng	#	28
65) n-Nitrosodiphenylamine	16.86	169	1242719	27.06	ng		97
66) 4-Bromophenyl-phenylether	17.58	248	378596	25.61	ng	#	86
67) Hexachlorobenzene	17.73	284	473438	26.29	ng	#	86
68) Atrazine	17.85	200	385456	26.24	ng		99
69) Pentachlorophenol	18.08	266	304289	26.46	ng		98
70) Phenanthrene	18.46	178	1929923	27.14	ng		95
71) Anthracene	18.56	178	1972758	27.87	ng		93
72) Carbazole	18.83	167	1905339	27.82	ng	#	92
73) Di-n-butylphthalate	19.41	149	2910633	32.42	ng	#	89
74) Fluoranthene	20.52	202	1969579	29.39	ng		90
76) Benzidine	20.68	184	1049024	27.98	ng		99
77) Pyrene	20.89	202	2064074	29.07	ng		93
79) Butylbenzylphthalate	21.79	149	1536229	30.56	ng		87
80) Benzo(a)anthracene	22.76	228	1732803	25.85	ng		95
81) 3,3'-Dichlorobenzidine	22.68	252	732307	28.99	ng		99
82) Chrysene	22.83	228	1718527	26.91	ng		92
83) Bis(2-ethylhexyl)phthalate	22.68	149	1963214	30.54	ng		94
84) Di-n-octyl phthalate	23.83	149	3286146	28.68	ng	#	98
85) Indeno(1,2,3-cd)pyrene	29.15	276	1609179	22.18	ng		97
87) Benzo(b)fluoranthene	24.91	252	1709511m	24.35	ng		
88) Benzo(k)fluoranthene	24.97	252	1677284	27.30	ng		98
89) Benzo(a)pyrene	25.72	252	1573328	25.64	ng		97
90) Dibenzo(a,h)anthracene	29.19	278	1315366	23.76	ng		98
91) Benzo(g,h,i)perylene	30.15	276	1258649	23.39	ng	#	94

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

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