Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB093016\
Data File : BB058565.D
Acq On : 29 Sep 2016 19:57
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
sohiL
9/30/2016 7:24:56 PM

Quant Time: Sep 30 10:09:00 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 10:07:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	378718	20.00	ng		0.00
21) Naphthalene-d8	11.63	136	1452790	20.00	ng		0.00
38) Acenaphthene-d10	15.57	164	718910	20.00	ng		0.00
63) Phenanthrene-d10	18.42	188	1248684	20.00	ng		0.00
75) Chrysene-d12	22.79	240	1197547	20.00	ng		0.00
86) Perylene-d12	25.86	264	1065720	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	1992134	86.41	ng		0.00
7) Phenol-d6	7.81	99	2294937	84.69	ng		0.00
23) Nitrobenzene-d5	9.89	82	2422613	84.98	ng		0.00
41) 2,4,6-Tribromophenol	17.13	330	793739	103.64	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	3863150	107.48	ng		0.00
78) Terphenyl-d14	21.10	244	3352424	85.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.69	88	388726	44.58	ng		97
3) Pyridine	4.13	79	998643	44.98	ng		98
4) n-Nitrosodimethylamine	4.06	42	740687	44.03	ng		92
6) Aniline	7.97	93	1443766	42.32	ng		97
8) 2-Chlorophenol	8.22	128	1107757	41.21	ng		94
9) Benzaldehyde	7.74	77	635520	52.24	ng		96
10) Phenol	7.85	94	1216553	43.82	ng		97
11) bis(2-Chloroethyl)ether	8.06	93	1049527	42.76	ng		98
12) 1,3-Dichlorobenzene	8.56	146	1144341	41.79	ng		97
13) 1,4-Dichlorobenzene	8.70	146	1165378	41.53	ng		99
14) 1,2-Dichlorobenzene	9.06	146	1105600	42.38	ng		96
15) Benzyl Alcohol	8.93	79	841058	41.38	ng		97
16) 2,2'-oxybis(1-Chloropropan	9.26	45	1971978	45.70	ng		99
17) 2-Methylphenol	9.16	107	808006	42.33	ng		99
18) Hexachloroethane	9.83	117	516730	41.68	ng		94
19) n-Nitroso-di-n-propylamine	9.56	70	825484	41.58	ng		98
20) 3+4-Methylphenols	9.53	107	1031757	41.77	ng		91
22) Acetophenone	9.55	105	1338333	42.49	ng	#	95
24) Nitrobenzene	9.95	77	1231248	43.31	ng		99
25) Isophorone	10.51	82	2275773	41.06	ng		99
26) 2-Nitrophenol	10.68	139	712026	40.63	ng		95
27) 2,4-Dimethylphenol	10.78	122	969053	39.67	ng		97
28) bis(2-Chloroethoxy)methane	10.99	93	1244632	42.35	ng		99
29) 2,4-Dichlorophenol	11.26	162	913101	39.94	ng		98
30) 1,2,4-Trichlorobenzene	11.49	180	926342	39.91	ng		99
31) Naphthalene	11.68	128	2861843	41.96	ng		96
32) Benzoic acid	11.05	122	648215	41.66	ng		98
33) 4-Chloroaniline	11.78	127	1248819	40.73	ng		99
34) Hexachlorobutadiene	12.01	225	493023	41.01	ng		95
35) Caprolactam	12.63	113	368000m	44.39	ng		
36) 4-Chloro-3-methylphenol	12.97	107	1010081	42.06	ng		94
37) 2-Methylnaphthalene	13.34	142	1908303	43.41	ng		100
39) 1,2,4,5-Tetrachlorobenzene	13.72	216	835254	49.45	ng		99
40) Hexachlorocyclopentadiene	13.72	237	426373	45.37	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	645834	47.64	ng		98
43) 2,4,5-Trichlorophenol	14.05	196	643010	47.22	ng		95
45) 1,1'-Biphenyl	14.38	154	2423706	50.65	ng		94
46) 2-Chloronaphthalene	14.42	162	1849061	50.31	ng		97
47) 2-Nitroaniline	14.61	65	746512	52.88	ng		98
48) Acenaphthylene	15.28	152	2782884	48.04	ng		96
49) Dimethylphthalate	15.01	163	2154937	46.51	ng		97
50) 2,6-Dinitrotoluene	15.13	165	613629	46.64	ng	#	85
51) Acenaphthene	15.65	154	1973665	51.37	ng		98
52) 3-Nitroaniline	15.46	138	634469	45.85	ng		88
53) 2,4-Dinitrophenol	15.67	184	393478	43.73	ng	#	55
54) Dibenzofuran	15.98	168	2419620	49.59	ng		96
55) 4-Nitrophenol	15.80	139	598301	50.83	ng	#	85
56) 2,4-Dinitrotoluene	15.94	165	795191	45.45	ng	#	72
57) Fluorene	16.65	166	1956852	51.09	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.23	232	480032	47.03	ng		97
59) Diethylphthalate	16.42	149	2273983	48.51	ng		93
60) 4-Chlorophenyl-phenylether	16.65	204	956064	51.06	ng		91
61) 4-Nitroaniline	15.46	138	634469	45.85	ng		88
62) Azobenzene	16.94	77	2239922	47.87	ng	#	80
64) 4,6-Dinitro-2-methylphenol	16.75	198	540553	41.50	ng	#	70
65) n-Nitrosodiphenylamine	16.86	169	1734662	41.78	ng		98
66) 4-Bromophenyl-phenylether	17.58	248	587357	44.08	ng		93
67) Hexachlorobenzene	17.73	284	649867	39.52	ng		96
68) Atrazine	17.86	200	601545	46.23	ng		95
69) Pentachlorophenol	18.08	266	465982	44.92	ng		99
70) Phenanthrene	18.46	178	2557075	39.60	ng		98
71) Anthracene	18.56	178	2777828	43.47	ng		96
72) Carbazole	18.83	167	2751754	44.73	ng		95
73) Di-n-butylphthalate	19.40	149	3698281	45.85	ng	#	94
74) Fluoranthene	20.52	202	2804015	46.26	ng		95
76) Benzidine	20.68	184	1469992	43.40	ng		98
77) Pyrene	20.89	202	2672882	41.42	ng		96
79) Butylbenzylphthalate	21.79	149	2139657	47.13	ng		94
80) Benzo(a)anthracene	22.77	228	2531913	41.65	ng		95
81) 3,3'-Dichlorobenzidine	22.68	252	957422	41.91	ng	#	97
82) Chrysene	22.83	228	2434480	42.16	ng		93
83) Bis(2-ethylhexyl)phthalate	22.68	149	2628497	45.70	ng		96
84) Di-n-octyl phthalate	23.85	149	4537325	44.63	ng		100
85) Indeno(1,2,3-cd)pyrene	29.17	276	2399157	35.85	ng	#	65
87) Benzo(b)fluoranthene	24.91	252	2687440	43.50	ng		99
88) Benzo(k)fluoranthene	24.99	252	2301011	42.15	ng		97
89) Benzo(a)pyrene	25.72	252	2380393	43.77	ng	#	96
90) Dibenzo(a,h)anthracene	29.21	278	1989298	40.03	ng		98
91) Benzo(g,h,i)perylene	30.19	276	1868824	38.46	ng		96

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

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