Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085710.D
Acq On : 24 Mar 2016 12:14
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
3/25/2016 3:04:13 PM

Quant Time: Mar 24 13:04:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 11:42:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	111992	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	478903	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	212586	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	411706	20.00	ng		0.00
75) Chrysene-d12	13.98	240	235852	20.00	ng		0.00
86) Perylene-d12	15.40	264	187764	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	798556	119.77	ng		0.01
7) Phenol-d6	6.47	99	998973	116.82	ng		0.01
23) Nitrobenzene-d5	7.40	82	866205	104.99	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	238421	114.49	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1280725	96.37	ng		0.00
78) Terphenyl-d14	12.93	244	1377949	140.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	184299	56.86	ng		100
3) Pyridine	3.10	79	512207	64.36	ng		99
4) n-Nitrosodimethylamine	3.06	42	186329	56.08	ng		100
6) Aniline	6.49	93	653982	56.94	ng		97
8) 2-Chlorophenol	6.61	128	428915	55.61	ng		91
9) Benzaldehyde	6.37	77	288882	67.18	ng		94
10) Phenol	6.48	94	606706	62.29	ng		88
11) bis(2-Chloroethyl)ether	6.56	93	412591	56.19	ng		94
12) 1,3-Dichlorobenzene	6.77	146	482658m	57.42	ng		
13) 1,4-Dichlorobenzene	6.85	146	496950	57.96	ng		93
14) 1,2-Dichlorobenzene	7.00	146	411584	54.07	ng		96
15) Benzyl Alcohol	6.97	79	295034	50.37	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	550603	57.02	ng		97
17) 2-Methylphenol	7.09	107	351052	54.90	ng		99
18) Hexachloroethane	7.34	117	179710	58.05	ng		93
19) n-Nitroso-di-n-propylamine	7.26	70	282791	55.36	ng		95
20) 3+4-Methylphenols	7.25	107	393317	53.11	ng		96
22) Acetophenone	7.25	105	569041	50.07	ng		96
24) Nitrobenzene	7.42	77	513442	56.85	ng		94
25) Isophorone	7.66	82	892171	54.01	ng		97
26) 2-Nitrophenol	7.73	139	236804	53.06	ng	#	82
27) 2,4-Dimethylphenol	7.77	122	407310	51.60	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	480176	51.11	ng		99
29) 2,4-Dichlorophenol	7.98	162	366085	56.17	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	402488	55.13	ng		96
31) Naphthalene	8.14	128	1307254	54.08	ng		100
32) Benzoic acid	7.92	122	273336	41.42	ng		99
33) 4-Chloroaniline	8.18	127	488381	49.29	ng	#	92
34) Hexachlorobutadiene	8.25	225	205531	52.82	ng		98
35) Caprolactam	8.58	113	134590	60.01	ng		89
36) 4-Chloro-3-methylphenol	8.68	107	422665	55.52	ng		99
37) 2-Methylnaphthalene	8.82	142	723968	49.13	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	385543	59.79	ng		99
40) Hexachlorocyclopentadiene	8.98	237	151220	52.03	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	261691	59.28	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	250563	55.77	ng	#	82
45) 1,1'-Biphenyl	9.29	154	981458	53.52	ng		97
46) 2-Chloronaphthalene	9.32	162	722987	53.97	ng		94
47) 2-Nitroaniline	9.42	65	253929	62.66	ng	#	79
48) Acenaphthylene	9.73	152	1114639	51.42	ng		100
49) Dimethylphthalate	9.60	163	968773	60.39	ng		99
50) 2,6-Dinitrotoluene	9.66	165	191390	56.51	ng		93
51) Acenaphthene	9.90	154	699661	51.43	ng		99
52) 3-Nitroaniline	9.83	138	258003	60.83	ng		94
53) 2,4-Dinitrophenol	9.93	184	100165	48.28	ng		96
54) Dibenzofuran	10.07	168	855164	51.62	ng		96
55) 4-Nitrophenol	9.99	139	159388	48.62	ng		93
56) 2,4-Dinitrotoluene	10.06	165	243420	54.90	ng	#	49
57) Fluorene	10.41	166	703530	50.95	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	199156	61.57	ng		95
59) Diethylphthalate	10.30	149	897780	56.29	ng		96
60) 4-Chlorophenyl-phenylether	10.41	204	369804	54.85	ng	#	75
61) 4-Nitroaniline	10.45	138	245478	58.71	ng		99
62) Azobenzene	10.56	77	852712	55.71	ng		94
64) 4,6-Dinitro-2-methylphenol	10.47	198	136002	51.62	ng		92
65) n-Nitrosodiphenylamine	10.53	169	644013	50.22	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	223392	54.32	ng	#	89
67) Hexachlorobenzene	10.96	284	237571	54.37	ng	#	84
68) Atrazine	11.05	200	232052	59.43	ng		97
69) Pentachlorophenol	11.16	266	137383	51.79	ng		98
70) Phenanthrene	11.37	178	1103999	50.86	ng		99
71) Anthracene	11.43	178	1294456	56.87	ng		99
72) Carbazole	11.58	167	959000	48.84	ng		99
73) Di-n-butylphthalate	11.91	149	1241003	50.47	ng		99
74) Fluoranthene	12.56	202	1239987	54.55	ng		92
76) Benzidine	12.68	184	531689	67.04	ng		98
77) Pyrene	12.79	202	1240367	73.24	ng		100
79) Butylbenzylphthalate	13.41	149	530489	65.72	ng		97
80) Benzo(a)anthracene	13.97	228	789618	57.67	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	601248	119.82	ng	#	93
82) Chrysene	14.01	228	853279	64.78	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	583500	58.18	ng		99
84) Di-n-octyl phthalate	14.57	149	914432	55.95	ng		100
85) Indeno(1,2,3-cd)pyrene	16.79	276	732106	66.51	ng		99
87) Benzo(b)fluoranthene	15.00	252	683741m	55.81	ng		
88) Benzo(k)fluoranthene	15.02	252	602200m	59.66	ng		
89) Benzo(a)pyrene	15.34	252	604285	58.18	ng		99
90) Dibenzo(a,h)anthracene	16.80	278	610975	70.53	ng		99
91) Benzo(g,h,i)perylene	17.20	276	623982	74.42	ng		98

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

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