Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085708.D
Acq On : 24 Mar 2016 11:18
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
3/25/2016 3:04:09 PM

Quant Time: Mar 24 11:57:32 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 11:35:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	109832	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	448557	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	208685	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	410057	20.00	ng		0.00
75) Chrysene-d12	13.98	240	276389	20.00	ng		0.00
86) Perylene-d12	15.40	264	199704	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	503858	77.05	ng		0.00
7) Phenol-d6	6.46	99	631727	75.33	ng		0.00
23) Nitrobenzene-d5	7.40	82	624904	80.87	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	160821	78.67	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1025864	78.63	ng		0.00
78) Terphenyl-d14	12.93	244	960093	83.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	124250	39.09	ng		99
3) Pyridine	3.10	79	317653	40.70	ng		99
4) n-Nitrosodimethylamine	3.04	42	125814	38.61	ng		98
6) Aniline	6.48	93	430539	38.22	ng		91
8) 2-Chlorophenol	6.61	128	307193	40.61	ng		98
9) Benzaldehyde	6.37	77	192193	45.58	ng		95
10) Phenol	6.47	94	363273	38.03	ng		98
11) bis(2-Chloroethyl)ether	6.56	93	280613	38.97	ng		97
12) 1,3-Dichlorobenzene	6.77	146	330634	40.11	ng		97
13) 1,4-Dichlorobenzene	6.85	146	313640m	37.30	ng		
14) 1,2-Dichlorobenzene	7.00	146	310526	41.59	ng		98
15) Benzyl Alcohol	6.97	79	230882	40.19	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	379518	40.07	ng		97
17) 2-Methylphenol	7.09	107	249763	39.83	ng		98
18) Hexachloroethane	7.34	117	119151	39.25	ng		95
19) n-Nitroso-di-n-propylamine	7.25	70	208535	41.63	ng		99
20) 3+4-Methylphenols	7.24	107	283857	39.08	ng	#	88
22) Acetophenone	7.24	105	389061	36.55	ng		98
24) Nitrobenzene	7.41	77	300254	35.50	ng		96
25) Isophorone	7.66	82	573805	37.09	ng	#	92
26) 2-Nitrophenol	7.73	139	155609	37.22	ng	#	88
27) 2,4-Dimethylphenol	7.77	122	295761	40.01	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	351589	39.95	ng		99
29) 2,4-Dichlorophenol	7.97	162	229254	37.55	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	256288	37.48	ng		92
31) Naphthalene	8.14	128	832635	36.78	ng		98
32) Benzoic acid	7.90	122	208201	33.68	ng		98
33) 4-Chloroaniline	8.18	127	355129	38.27	ng	#	95
34) Hexachlorobutadiene	8.25	225	139188	38.19	ng		99
35) Caprolactam	8.56	113	77833	37.05	ng		99
36) 4-Chloro-3-methylphenol	8.66	107	255827	35.88	ng		92
37) 2-Methylnaphthalene	8.82	142	541344	39.23	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	250105	39.51	ng		99
40) Hexachlorocyclopentadiene	8.98	237	82719	28.99	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	163806	37.80	ng		97
43) 2,4,5-Trichlorophenol	9.14	196	174296	39.52	ng	#	91
45) 1,1'-Biphenyl	9.29	154	705050	39.16	ng		95
46) 2-Chloronaphthalene	9.32	162	540550	41.11	ng		96
47) 2-Nitroaniline	9.41	65	147468	37.07	ng		88
48) Acenaphthylene	9.73	152	862757	40.54	ng		100
49) Dimethylphthalate	9.59	163	591255	37.55	ng		100
50) 2,6-Dinitrotoluene	9.66	165	141668	42.61	ng	#	62
51) Acenaphthene	9.90	154	482556	36.13	ng		98
52) 3-Nitroaniline	9.82	138	145055	34.84	ng		93
53) 2,4-Dinitrophenol	9.93	184	64352	31.60	ng	#	75
54) Dibenzofuran	10.07	168	660324	40.60	ng		98
55) 4-Nitrophenol	9.99	139	105995	32.94	ng	#	82
56) 2,4-Dinitrotoluene	10.06	165	188956	43.41	ng	#	74
57) Fluorene	10.41	166	566699	41.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	118747	37.40	ng		98
59) Diethylphthalate	10.29	149	601231	38.40	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	246178	37.19	ng		96
61) 4-Nitroaniline	10.44	138	157271	38.32	ng		93
62) Azobenzene	10.56	77	586972	39.07	ng		96
64) 4,6-Dinitro-2-methylphenol	10.47	198	100978	38.48	ng	#	57
65) n-Nitrosodiphenylamine	10.53	169	509130	39.86	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	163570	39.93	ng		96
67) Hexachlorobenzene	10.96	284	178356	40.98	ng		96
68) Atrazine	11.05	200	166905	42.92	ng		99
69) Pentachlorophenol	11.16	266	91102	34.48	ng		100
70) Phenanthrene	11.37	178	875027	40.47	ng		100
71) Anthracene	11.42	178	814953	35.95	ng		99
72) Carbazole	11.58	167	754389	38.57	ng		100
73) Di-n-butylphthalate	11.91	149	960079	39.20	ng		100
74) Fluoranthene	12.56	202	841366	37.16	ng		88
76) Benzidine	12.68	184	396198	42.63	ng		99
77) Pyrene	12.78	202	817647	41.20	ng		99
79) Butylbenzylphthalate	13.41	149	371337	39.26	ng		99
80) Benzo(a)anthracene	13.97	228	607293	37.85	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	396133	67.37	ng		99
82) Chrysene	14.01	228	597442	38.70	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	453879	38.62	ng		100
84) Di-n-octyl phthalate	14.57	149	687345	35.89	ng		100
85) Indeno(1,2,3-cd)pyrene	16.78	276	483017	37.45	ng		99
87) Benzo(b)fluoranthene	15.00	252	514276m	39.47	ng		
88) Benzo(k)fluoranthene	15.02	252	420574m	39.18	ng		
89) Benzo(a)pyrene	15.34	252	440043	39.83	ng		99
90) Dibenzo(a,h)anthracene	16.79	278	405496	44.01	ng		97
91) Benzo(g,h,i)perylene	17.20	276	411780	46.17	ng	#	93

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

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