Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085541.D
Acq On : 18 Mar 2016 19:13
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
3/21/2016 5:05:37 PM

Quant Time: Mar 18 23:15:12 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:01:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	164405	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	631957	20.00	ng		0.01
38) Acenaphthene-d10	9.90	164	297211	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	575125	20.00	ng		0.00
75) Chrysene-d12	14.01	240	388405	20.00	ng		0.00
86) Perylene-d12	15.44	264	324028	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	906826	92.23	ng		0.00
7) Phenol-d6	6.49	99	1155751	91.89	ng		0.00
23) Nitrobenzene-d5	7.43	82	1013263	93.10	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	263440	97.05	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1652038	93.96	ng		0.00
78) Terphenyl-d14	12.96	244	1732789	102.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	232591	48.24	ng		100
3) Pyridine	3.19	79	638759	55.84	ng		99
4) n-Nitrosodimethylamine	3.14	42	241420	46.54	ng		100
6) Aniline	6.53	93	824305	48.19	ng		97
8) 2-Chlorophenol	6.64	128	509278	44.66	ng		93
9) Benzaldehyde	6.40	77	266853	38.07	ng		98
10) Phenol	6.50	94	610850	42.32	ng		89
11) bis(2-Chloroethyl)ether	6.60	93	472480	43.43	ng		97
12) 1,3-Dichlorobenzene	6.80	146	597193	47.99	ng		98
13) 1,4-Dichlorobenzene	6.87	146	573279	45.69	ng		99
14) 1,2-Dichlorobenzene	7.03	146	523081	46.90	ng		97
15) Benzyl Alcohol	7.01	79	420007	47.73	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	700474	47.81	ng		98
17) 2-Methylphenol	7.12	107	466805	49.87	ng		99
18) Hexachloroethane	7.37	117	221495	48.31	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	316103	41.48	ng		92
20) 3+4-Methylphenols	7.27	107	487245	47.38	ng		96
22) Acetophenone	7.27	105	707188	45.54	ng	#	97
24) Nitrobenzene	7.45	77	593318	49.68	ng	#	80
25) Isophorone	7.69	82	1083137	49.64	ng		95
26) 2-Nitrophenol	7.76	139	304837	52.04	ng		94
27) 2,4-Dimethylphenol	7.81	122	529687	51.69	ng		95
28) bis(2-Chloroethoxy)methane	7.90	93	611575	46.71	ng		99
29) 2,4-Dichlorophenol	8.00	162	406190	47.92	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	466615	48.41	ng		99
31) Naphthalene	8.17	128	1499015	48.57	ng		99
32) Benzoic acid	7.96	122	459971	72.59	ng		99
33) 4-Chloroaniline	8.22	127	647611	48.24	ng		97
34) Hexachlorobutadiene	8.29	225	258968	51.23	ng		99
35) Caprolactam	8.61	113	138782	50.07	ng		98
36) 4-Chloro-3-methylphenol	8.70	107	439930	44.80	ng		96
37) 2-Methylnaphthalene	8.86	142	931341	46.17	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	445140	49.54	ng		99
40) Hexachlorocyclopentadiene	9.01	237	221890	51.10	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	294471	48.49	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	317953	51.77	ng	#	95
45) 1,1'-Biphenyl	9.33	154	1252428	51.73	ng		95
46) 2-Chloronaphthalene	9.35	162	924302	50.44	ng		96
47) 2-Nitroaniline	9.44	65	261768	46.75	ng		97
48) Acenaphthylene	9.76	152	1362785	45.67	ng		100
49) Dimethylphthalate	9.62	163	1055939	48.96	ng		99
50) 2,6-Dinitrotoluene	9.69	165	268381	58.09	ng	#	65
51) Acenaphthene	9.93	154	839359	45.19	ng		99
52) 3-Nitroaniline	9.85	138	292675	52.19	ng		96
53) 2,4-Dinitrophenol	9.97	184	164214	73.94	ng	#	63
54) Dibenzofuran	10.10	168	1046104	45.48	ng		96
55) 4-Nitrophenol	10.01	139	228410	56.24	ng		90
56) 2,4-Dinitrotoluene	10.09	165	315179	52.20	ng	#	72
57) Fluorene	10.45	166	869617	46.72	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	211196	50.08	ng		96
59) Diethylphthalate	10.32	149	968486	45.48	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	405153	43.86	ng		98
61) 4-Nitroaniline	10.47	138	294958	54.00	ng		95
62) Azobenzene	10.60	77	979885	46.93	ng		98
64) 4,6-Dinitro-2-methylphenol	10.50	198	204480	60.19	ng	#	71
65) n-Nitrosodiphenylamine	10.56	169	834525	46.31	ng		100
66) 4-Bromophenyl-phenylether	10.93	248	272024	46.37	ng		97
67) Hexachlorobenzene	11.00	284	296281	48.51	ng	#	93
68) Atrazine	11.09	200	220906	41.90	ng		98
69) Pentachlorophenol	11.19	266	194264	59.65	ng		100
70) Phenanthrene	11.41	178	1352079	44.33	ng		99
71) Anthracene	11.46	178	1483035	48.84	ng		99
72) Carbazole	11.61	167	1206017	45.48	ng		99
73) Di-n-butylphthalate	11.94	149	1557710	47.50	ng		99
74) Fluoranthene	12.60	202	1520469	52.74	ng		93
76) Benzidine	12.71	184	628017	50.68	ng		99
77) Pyrene	12.82	202	1529307	52.04	ng		99
79) Butylbenzylphthalate	13.44	149	727723	56.68	ng		94
80) Benzo(a)anthracene	14.01	228	1140198	50.98	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	407084	53.70	ng		99
82) Chrysene	14.05	228	1164540	55.66	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	842995	53.77	ng	#	93
84) Di-n-octyl phthalate	14.61	149	1338824	57.02	ng		99
85) Indeno(1,2,3-cd)pyrene	16.85	276	912727	49.33	ng		100
87) Benzo(b)fluoranthene	15.03	252	1162535m	54.76	ng		
88) Benzo(k)fluoranthene	15.07	252	737932m	43.38	ng		
89) Benzo(a)pyrene	15.39	252	868193	47.38	ng		98
90) Dibenzo(a,h)anthracene	16.86	278	765256	44.28	ng		96
91) Benzo(g,h,i)perylene	17.27	276	741622	42.33	ng		98

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

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