Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110316\
Data File : BF091006.D
Acq On : 3 Nov 2016 19:19
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
11/4/2016 8:32:33 AM

Quant Time: Nov 04 01:28:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 01:12:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	180850	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	767996	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	392884	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	619209	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	605417	20.00	ng		0.00
86) Perylene-d12	15.24	264	440710	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	603111	51.43	ng		0.00
7) Phenol-d6	6.35	99	831155	56.35	ng		0.00
23) Nitrobenzene-d5	7.28	82	790234	57.99	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	179832	45.26	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1194797	46.12	ng		0.00
78) Terphenyl-d14	12.81	244	1143867	42.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	160878	30.54	ng		98
3) Pyridine	2.88	79	414029	30.24	ng		98
4) n-Nitrosodimethylamine	2.83	42	146791	21.76	ng		95
6) Aniline	6.36	93	492489	27.46	ng	#	70
8) 2-Chlorophenol	6.49	128	352529	26.73	ng		94
9) Benzaldehyde	6.25	77	233132	27.44	ng		95
10) Phenol	6.36	94	463979	28.13	ng		87
11) bis(2-Chloroethyl)ether	6.44	93	365554	28.22	ng		98
12) 1,3-Dichlorobenzene	6.65	146	338719	24.18	ng		99
13) 1,4-Dichlorobenzene	6.72	146	351247m	25.06	ng		
14) 1,2-Dichlorobenzene	6.88	146	360828	27.66	ng		99
15) Benzyl Alcohol	6.85	79	300717	29.67	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	517131	24.46	ng		97
17) 2-Methylphenol	6.98	107	271737	26.00	ng		99
18) Hexachloroethane	7.22	117	142009	26.29	ng		100
19) n-Nitroso-di-n-propylamine	7.13	70	289764	31.23	ng		96
20) 3+4-Methylphenols	7.13	107	346412	26.50	ng	#	71
22) Acetophenone	7.12	105	460603	23.07	ng	#	96
24) Nitrobenzene	7.29	77	387714	25.65	ng		89
25) Isophorone	7.54	82	696430	26.30	ng		96
26) 2-Nitrophenol	7.61	139	167863	23.52	ng		100
27) 2,4-Dimethylphenol	7.66	122	274805	21.94	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	397975	25.02	ng		100
29) 2,4-Dichlorophenol	7.86	162	256017	24.30	ng		97
30) 1,2,4-Trichlorobenzene	7.94	180	287798	23.96	ng		100
31) Naphthalene	8.02	128	972836	25.04	ng		99
32) Benzoic acid	7.79	122	180085	22.37	ng		99
33) 4-Chloroaniline	8.08	127	392696	24.42	ng		99
34) Hexachlorobutadiene	8.13	225	144466	21.29	ng		100
35) Caprolactam	8.44	113	85536	26.77	ng		90
36) 4-Chloro-3-methylphenol	8.56	107	289922	23.50	ng	#	81
37) 2-Methylnaphthalene	8.70	142	626197	26.28	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	274474	22.01	ng		99
40) Hexachlorocyclopentadiene	8.86	237	72313	17.17	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	169981	21.55	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	170467	21.08	ng		99
45) 1,1'-Biphenyl	9.17	154	829657	24.13	ng		98
46) 2-Chloronaphthalene	9.20	162	616971	24.11	ng		97
47) 2-Nitroaniline	9.30	65	220862	26.11	ng		87
48) Acenaphthylene	9.61	152	985603	25.55	ng		99
49) Dimethylphthalate	9.48	163	686798	23.42	ng		98
50) 2,6-Dinitrotoluene	9.54	165	152708	24.18	ng		85
51) Acenaphthene	9.78	154	588493	23.67	ng		99
52) 3-Nitroaniline	9.71	138	178612	24.43	ng		86
53) 2,4-Dinitrophenol	9.82	184	56090	21.78	ng		92
54) Dibenzofuran	9.95	168	790608	25.70	ng		99
55) 4-Nitrophenol	9.88	139	87900	17.13	ng		90
56) 2,4-Dinitrotoluene	9.94	165	179261	21.66	ng	#	56
57) Fluorene	10.29	166	693519	27.07	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	138256	21.93	ng		96
59) Diethylphthalate	10.18	149	710208	24.36	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	281244	22.89	ng		97
61) 4-Nitroaniline	10.32	138	178710	24.85	ng		91
62) Azobenzene	10.44	77	824572	28.82	ng		80
64) 4,6-Dinitro-2-methylphenol	10.35	198	94808	25.09	ng	#	34
65) n-Nitrosodiphenylamine	10.41	169	554322	28.71	ng		100
66) 4-Bromophenyl-phenylether	10.77	248	164323	24.74	ng		93
67) Hexachlorobenzene	10.84	284	194799	25.96	ng	#	89
68) Atrazine	10.93	200	139276	22.15	ng		92
69) Pentachlorophenol	11.04	266	79778	23.23	ng		98
70) Phenanthrene	11.25	178	910278	26.17	ng		98
71) Anthracene	11.30	178	925278	27.20	ng		100
72) Carbazole	11.46	167	842921	28.34	ng		100
73) Di-n-butylphthalate	11.80	149	1090272	27.81	ng		99
74) Fluoranthene	12.43	202	875286	25.61	ng		99
76) Benzidine	12.56	184	332926	19.68	ng		99
77) Pyrene	12.66	202	948324	21.25	ng		99
79) Butylbenzylphthalate	13.29	149	476331	23.19	ng		98
80) Benzo(a)anthracene	13.85	228	876953	23.64	ng		98
81) 3,3'-Dichlorobenzidine	13.81	252	287084	22.20	ng	#	95
82) Chrysene	13.88	228	768099	21.28	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	680525	26.07	ng		99
84) Di-n-octyl phthalate	14.47	149	1147979	26.56	ng		100
85) Indeno(1,2,3-cd)pyrene	16.56	276	647669	22.72	ng		99
87) Benzo(b)fluoranthene	14.87	252	867978m	28.86	ng		
88) Benzo(k)fluoranthene	14.89	252	615224m	24.79	ng		
89) Benzo(a)pyrene	15.19	252	669894	26.15	ng	#	94
90) Dibenzo(a,h)anthracene	16.57	278	565288	26.12	ng		97
91) Benzo(g,h,i)perylene	16.95	276	501468	23.38	ng		98

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

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