Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092628.D
Acq On : 30 Jan 2017 12:43
Operator : SJ/MA
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
1/31/2017 4:45:16 PM

Quant Time: Jan 30 13:57:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 13:46:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	161545	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	637334	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	337438	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	555463	20.00	ng		0.00
75) Chrysene-d12	14.15	240	444068	20.00	ng		0.00
86) Perylene-d12	15.61	264	369739	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	786143	75.71	ng		0.00
7) Phenol-d6	6.60	99	967056	73.12	ng		0.00
23) Nitrobenzene-d5	7.54	82	925828	79.35	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	211447	91.95	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1573119	86.21	ng		0.00
78) Terphenyl-d14	13.08	244	1450546	86.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	198646	35.97	ng	#	86
3) Pyridine	3.37	79	524187	33.34	ng		86
4) n-Nitrosodimethylamine	3.32	42	243392	31.56	ng		85
6) Aniline	6.62	93	641486	32.52	ng	#	66
8) 2-Chlorophenol	6.75	128	417284	38.26	ng		99
9) Benzaldehyde	6.51	77	355140	37.84	ng		98
10) Phenol	6.62	94	537680	33.68	ng		83
11) bis(2-Chloroethyl)ether	6.69	93	431653	36.14	ng		89
12) 1,3-Dichlorobenzene	6.90	146	474563m	36.79	ng		
13) 1,4-Dichlorobenzene	6.98	146	475411	36.62	ng		98
14) 1,2-Dichlorobenzene	7.14	146	475652	38.62	ng		96
15) Benzyl Alcohol	7.10	79	346819	34.80	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	775159	32.81	ng		95
17) 2-Methylphenol	7.23	107	373785	40.11	ng		98
18) Hexachloroethane	7.48	117	168667	37.72	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	281002	31.20	ng		94
20) 3+4-Methylphenols	7.38	107	436394	38.60	ng	#	67
22) Acetophenone	7.38	105	565416	37.25	ng	#	93
24) Nitrobenzene	7.55	77	439354	35.94	ng		99
25) Isophorone	7.79	82	835011	36.32	ng		96
26) 2-Nitrophenol	7.87	139	242415	47.33	ng		91
27) 2,4-Dimethylphenol	7.92	122	412591	38.73	ng		92
28) bis(2-Chloroethoxy)methane	8.01	93	563033	37.31	ng		99
29) 2,4-Dichlorophenol	8.11	162	350023	37.90	ng		87
30) 1,2,4-Trichlorobenzene	8.19	180	385719	38.64	ng		94
31) Naphthalene	8.28	128	1255703	38.50	ng		98
32) Benzoic acid	8.03	122	220304	29.91	ng		98
33) 4-Chloroaniline	8.33	127	517931	37.53	ng		99
34) Hexachlorobutadiene	8.40	225	217264	39.79	ng		98
35) Caprolactam	8.70	113	123091	39.91	ng	#	76
36) 4-Chloro-3-methylphenol	8.82	107	387103	38.87	ng		87
37) 2-Methylnaphthalene	8.97	142	829537	40.17	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	373169	43.84	ng		99
40) Hexachlorocyclopentadiene	9.12	237	172794	40.54	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	263676	40.43	ng		95
43) 2,4,5-Trichlorophenol	9.29	196	263045	44.08	ng		96
45) 1,1'-Biphenyl	9.44	154	1013811	41.56	ng		99
46) 2-Chloronaphthalene	9.46	162	810467	40.68	ng		99
47) 2-Nitroaniline	9.55	65	240124	35.79	ng		92
48) Acenaphthylene	9.87	152	1225372	41.93	ng		99
49) Dimethylphthalate	9.73	163	912647	42.53	ng		99
50) 2,6-Dinitrotoluene	9.79	165	201199	45.87	ng	#	71
51) Acenaphthene	10.04	154	746396	41.11	ng		96
52) 3-Nitroaniline	9.97	138	239847	43.66	ng	#	70
53) 2,4-Dinitrophenol	10.06	184	92243	58.77	ng	#	56
54) Dibenzofuran	10.21	168	983519	39.89	ng		97
55) 4-Nitrophenol	10.13	139	160042	36.69	ng		94
56) 2,4-Dinitrotoluene	10.20	165	293134	50.35	ng	#	71
57) Fluorene	10.56	166	789826	43.20	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	203014	45.41	ng		93
59) Diethylphthalate	10.43	149	879936	42.77	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	379431	42.79	ng		99
61) 4-Nitroaniline	10.58	138	228030	41.51	ng		94
62) Azobenzene	10.70	77	882085	37.67	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	133545	48.60	ng		78
65) n-Nitrosodiphenylamine	10.67	169	715657	41.26	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	226113	40.32	ng	#	88
67) Hexachlorobenzene	11.10	284	223723	39.46	ng	#	84
68) Atrazine	11.20	200	214060	36.05	ng		100
69) Pentachlorophenol	11.30	266	104783	28.91	ng		95
70) Phenanthrene	11.53	178	1278555	41.80	ng		98
71) Anthracene	11.57	178	1239686	41.47	ng		98
72) Carbazole	11.73	167	1292194	45.27	ng		98
73) Di-n-butylphthalate	12.05	149	1309891	40.13	ng	#	98
74) Fluoranthene	12.72	202	1342938	44.88	ng		91
76) Benzidine	12.83	184	753013	45.68	ng		99
77) Pyrene	12.95	202	1407384	43.74	ng		99
79) Butylbenzylphthalate	13.55	149	541696	41.56	ng		99
80) Benzo(a)anthracene	14.12	228	1100330	46.11	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	399365	44.07	ng		97
82) Chrysene	14.17	228	1101361	43.21	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	768320	46.80	ng	#	98
84) Di-n-octyl phthalate	14.73	149	1262395	42.36	ng		99
85) Indeno(1,2,3-cd)pyrene	17.08	276	749039	39.72	ng		95
87) Benzo(b)fluoranthene	15.19	252	1028568	43.33	ng	#	95
88) Benzo(k)fluoranthene	15.21	252	773187m	39.17	ng		
89) Benzo(a)pyrene	15.55	252	842899	41.98	ng		97
90) Dibenzo(a,h)anthracene	17.11	278	643248	39.62	ng		99
91) Benzo(g,h,i)perylene	17.54	276	645110	39.29	ng	#	94

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

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