Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
Data File : BF085085.D
Acq On : 17 Feb 2016 13:43
Operator : SJ/IZ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
2/19/2016 7:56:46 AM

Quant Time: Feb 17 15:04:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 17 14:23:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	219994	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	869931	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	408129	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	842196	20.00	ng		0.00
75) Chrysene-d12	14.16	240	794042	20.00	ng		0.00
86) Perylene-d12	15.62	264	628745	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1008120	80.13	ng		0.00
7) Phenol-d6	6.62	99	1342982	80.09	ng		0.00
23) Nitrobenzene-d5	7.56	82	1201314	81.55	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	357387	84.78	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	2174429	76.16	ng		0.00
78) Terphenyl-d14	13.11	244	2364484	61.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	246859	47.63	ng		89
3) Pyridine	3.47	79	588472	48.60	ng		89
4) n-Nitrosodimethylamine	3.42	42	312645	50.18	ng		95
6) Aniline	6.66	93	924342	53.35	ng	#	67
8) 2-Chlorophenol	6.78	128	588780	38.07	ng		98
9) Benzaldehyde	6.54	77	351818	38.95	ng	#	82
10) Phenol	6.63	94	798489m	40.71	ng		
11) bis(2-Chloroethyl)ether	6.73	93	636711	34.58	ng		94
12) 1,3-Dichlorobenzene	6.94	146	626644	40.74	ng		97
13) 1,4-Dichlorobenzene	7.02	146	680482	39.76	ng		97
14) 1,2-Dichlorobenzene	7.16	146	562375	34.96	ng		97
15) Benzyl Alcohol	7.13	79	462744	45.16	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	904599	35.01	ng		94
17) 2-Methylphenol	7.23	107	470899	42.06	ng	#	87
18) Hexachloroethane	7.51	117	231036	36.64	ng	#	81
19) n-Nitroso-di-n-propylamine	7.40	70	427738	40.49	ng		94
20) 3+4-Methylphenols	7.39	107	592366	41.90	ng		94
22) Acetophenone	7.40	105	837074	37.54	ng	#	97
24) Nitrobenzene	7.58	77	585441	36.37	ng		96
25) Isophorone	7.82	82	1124964	42.57	ng		99
26) 2-Nitrophenol	7.90	139	267954	34.73	ng		91
27) 2,4-Dimethylphenol	7.93	122	565511	45.30	ng		92
28) bis(2-Chloroethoxy)methane	8.02	93	625127	38.11	ng		99
29) 2,4-Dichlorophenol	8.14	162	492768	43.43	ng		91
30) 1,2,4-Trichlorobenzene	8.23	180	542333	41.47	ng		94
31) Naphthalene	8.31	128	1701536	40.34	ng		98
32) Benzoic acid	8.04	122	393400	71.60	ng		97
33) 4-Chloroaniline	8.34	127	652367	40.77	ng		95
34) Hexachlorobutadiene	8.42	225	338621	46.23	ng		97
35) Caprolactam	8.72	113	144583	47.40	ng		96
36) 4-Chloro-3-methylphenol	8.82	107	570744	44.37	ng		91
37) 2-Methylnaphthalene	8.99	142	1091022	40.55	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	552276	41.88	ng		98
40) Hexachlorocyclopentadiene	9.15	237	315230	71.87	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	389209	53.52	ng		95
43) 2,4,5-Trichlorophenol	9.30	196	389939m	46.09	ng		
45) 1,1'-Biphenyl	9.46	154	1474264	39.71	ng		96
46) 2-Chloronaphthalene	9.48	162	1110514	42.22	ng		96
47) 2-Nitroaniline	9.58	65	300981	37.06	ng	#	79
48) Acenaphthylene	9.90	152	1582016	37.88	ng		96
49) Dimethylphthalate	9.76	163	1308653	42.77	ng	#	98
50) 2,6-Dinitrotoluene	9.82	165	278972	44.44	ng		94
51) Acenaphthene	10.07	154	964926	38.21	ng		97
52) 3-Nitroaniline	9.99	138	297871	42.71	ng	#	78
53) 2,4-Dinitrophenol	10.08	184	71787	34.53	ng	#	1
54) Dibenzofuran	10.24	168	1315729	38.95	ng		98
55) 4-Nitrophenol	10.12	139	222346	49.69	ng		93
56) 2,4-Dinitrotoluene	10.22	165	352840	41.26	ng		95
57) Fluorene	10.58	166	1065923	36.80	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	316512	47.30	ng		96
59) Diethylphthalate	10.46	149	1276602	42.10	ng		96
60) 4-Chlorophenyl-phenylether	10.57	204	559920	40.34	ng		93
61) 4-Nitroaniline	10.59	138	251584	39.26	ng		96
62) Azobenzene	10.73	77	1052584	36.03	ng		97
64) 4,6-Dinitro-2-methylphenol	10.63	198	134661	30.02	ng	#	57
65) n-Nitrosodiphenylamine	10.70	169	1084564	40.56	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	375392	40.02	ng		94
67) Hexachlorobenzene	11.13	284	415600	41.43	ng	#	90
68) Atrazine	11.21	200	293472	37.87	ng		94
69) Pentachlorophenol	11.31	266	249730	64.76	ng		97
70) Phenanthrene	11.54	178	1536244	33.08	ng		97
71) Anthracene	11.60	178	1780243	36.69	ng		95
72) Carbazole	11.75	167	1649158	41.04	ng		98
73) Di-n-butylphthalate	12.08	149	1890311	35.84	ng		97
74) Fluoranthene	12.73	202	1773789	38.34	ng		93
76) Benzidine	12.84	184	907860	64.93	ng		96
77) Pyrene	12.96	202	1786587	28.13	ng		96
79) Butylbenzylphthalate	13.58	149	825858	30.92	ng	#	90
80) Benzo(a)anthracene	14.15	228	1686259	36.68	ng		96
81) 3,3'-Dichlorobenzidine	14.10	252	636637	47.64	ng		98
82) Chrysene	14.18	228	1526260	34.23	ng		95
83) Bis(2-ethylhexyl)phthalate	14.14	149	1087406	30.96	ng	#	94
84) Di-n-octyl phthalate	14.74	149	1717805	34.43	ng		99
85) Indeno(1,2,3-cd)pyrene	17.11	276	1328409	35.86	ng		99
87) Benzo(b)fluoranthene	15.20	252	1604992	38.94	ng		97
88) Benzo(k)fluoranthene	15.22	252	1451746m	44.09	ng		
89) Benzo(a)pyrene	15.57	252	1375613	39.46	ng	#	95
90) Dibenzo(a,h)anthracene	17.13	278	1097942	33.18	ng		97
91) Benzo(g,h,i)perylene	17.57	276	1052483	30.63	ng		98

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

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