Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030116\
Data File : BF085104.D
Acq On : 1 Mar 2016 21:26
Operator : SJ/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF030116

Manual Integrations APPROVED
UMANGI
3/2/2016 1:04:19 PM

Quant Time: Mar 02 14:14:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:24:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	216336	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	844752	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	425165	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	806517	20.00	ng		0.00
75) Chrysene-d12	14.16	240	623527	20.00	ng		0.00
86) Perylene-d12	15.62	264	478754	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	985238	73.94	ng		0.00
7) Phenol-d6	6.60	99	1399354	80.10	ng		-0.01
23) Nitrobenzene-d5	7.55	82	1263832	79.60	ng		-0.01
41) 2,4,6-Tribromophenol	10.82	330	395275	92.51	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	2067466	71.62	ng		-0.01
78) Terphenyl-d14	13.10	244	1968770	74.07	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	252465	38.23	ng		99
3) Pyridine	3.46	79	714398	42.15	ng		99
4) n-Nitrosodimethylamine	3.42	42	294952	38.25	ng		94
6) Aniline	6.65	93	972866	39.25	ng		96
8) 2-Chlorophenol	6.78	128	643302	41.88	ng		92
9) Benzaldehyde	6.54	77	401254	50.53	ng		97
10) Phenol	6.63	94	887383	45.40	ng		90
11) bis(2-Chloroethyl)ether	6.72	93	558508	36.05	ng		91
12) 1,3-Dichlorobenzene	6.94	146	663544	40.22	ng		97
13) 1,4-Dichlorobenzene	7.00	146	614895	36.57	ng		98
14) 1,2-Dichlorobenzene	7.16	146	626786	42.34	ng		97
15) Benzyl Alcohol	7.13	79	593920	46.64	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.27	45	844209	36.97	ng		100
17) 2-Methylphenol	7.23	107	497258	38.64	ng		99
18) Hexachloroethane	7.51	117	249022	40.06	ng		96
19) n-Nitroso-di-n-propylamine	7.40	70	427275	37.11	ng		92
20) 3+4-Methylphenols	7.39	107	674245	43.84	ng		91
22) Acetophenone	7.40	105	879653	41.40	ng	#	91
24) Nitrobenzene	7.58	77	751926	45.65	ng		94
25) Isophorone	7.82	82	1250842	41.18	ng		98
26) 2-Nitrophenol	7.88	139	284246	38.60	ng	#	67
27) 2,4-Dimethylphenol	7.92	122	551667	38.64	ng		93
28) bis(2-Chloroethoxy)methane	8.02	93	748401	44.68	ng		99
29) 2,4-Dichlorophenol	8.12	162	475493	40.49	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	521681	40.75	ng		99
31) Naphthalene	8.30	128	1598009	37.40	ng		100
32) Benzoic acid	8.02	122	268140	36.43	ng		99
33) 4-Chloroaniline	8.34	127	728870	43.16	ng		97
34) Hexachlorobutadiene	8.42	225	306522	41.27	ng		100
35) Caprolactam	8.72	113	166957	45.29	ng		96
36) 4-Chloro-3-methylphenol	8.82	107	576448	44.39	ng		89
37) 2-Methylnaphthalene	8.99	142	1181266	45.23	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	460503	35.17	ng		98
40) Hexachlorocyclopentadiene	9.14	237	304963	40.91	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	343902	39.01	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	371708	44.00	ng		94
45) 1,1'-Biphenyl	9.45	154	1280053	33.92	ng		96
46) 2-Chloronaphthalene	9.48	162	1057108	38.40	ng		94
47) 2-Nitroaniline	9.56	65	319909	37.02	ng	#	70
48) Acenaphthylene	9.90	152	1619220	39.58	ng		100
49) Dimethylphthalate	9.76	163	1234352	39.16	ng		98
50) 2,6-Dinitrotoluene	9.82	165	297079	45.44	ng	#	75
51) Acenaphthene	10.07	154	1034207	40.27	ng		99
52) 3-Nitroaniline	9.98	138	320108	41.22	ng		83
53) 2,4-Dinitrophenol	10.08	184	102640	45.73	ng	#	13
54) Dibenzofuran	10.24	168	1460425	43.80	ng		98
55) 4-Nitrophenol	10.12	139	235484	39.52	ng	#	60
56) 2,4-Dinitrotoluene	10.22	165	408166	46.34	ng	#	81
57) Fluorene	10.58	166	1122886	42.82	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.35	232	316670	49.49	ng		94
59) Diethylphthalate	10.46	149	1219465	40.36	ng		98
60) 4-Chlorophenyl-phenylether	10.57	204	523617	38.75	ng		98
61) 4-Nitroaniline	10.59	138	292429	40.18	ng		86
62) Azobenzene	10.73	77	1366561	44.77	ng		99
64) 4,6-Dinitro-2-methylphenol	10.62	198	157522	34.83	ng	#	42
65) n-Nitrosodiphenylamine	10.68	169	970603	38.18	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	342215	40.41	ng		95
67) Hexachlorobenzene	11.13	284	400995	41.95	ng		92
68) Atrazine	11.21	200	246247	31.75	ng		99
69) Pentachlorophenol	11.31	266	223342	39.81	ng		97
70) Phenanthrene	11.54	178	1634046	40.73	ng		100
71) Anthracene	11.60	178	1760385	39.07	ng		97
72) Carbazole	11.75	167	1687341	43.03	ng		98
73) Di-n-butylphthalate	12.08	149	1823982	39.09	ng		99
74) Fluoranthene	12.73	202	1859384	42.23	ng		97
76) Benzidine	12.85	184	773251	41.02	ng		98
77) Pyrene	12.96	202	1872768	44.00	ng		99
79) Butylbenzylphthalate	13.57	149	735607	40.81	ng	#	65
80) Benzo(a)anthracene	14.15	228	1540511	42.55	ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	516681	45.67	ng		97
82) Chrysene	14.18	228	1454240	43.99	ng		99
83) Bis(2-ethylhexyl)phthalate	14.13	149	930290	44.70	ng		100
84) Di-n-octyl phthalate	14.74	149	1380152	44.68	ng		99
85) Indeno(1,2,3-cd)pyrene	17.11	276	1091144	39.03	ng		99
87) Benzo(b)fluoranthene	15.20	252	1271929	43.63	ng		99
88) Benzo(k)fluoranthene	15.22	252	997669m	39.51	ng		
89) Benzo(a)pyrene	15.57	252	1038130	42.34	ng		99
90) Dibenzo(a,h)anthracene	17.13	278	914232	41.40	ng		98
91) Benzo(g,h,i)perylene	17.55	276	917357	40.86	ng		98

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

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