Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087343.D
Acq On : 24 May 2016 15:41
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
umangi
5/24/2016 7:39:43 PM

Quant Time: May 24 18:52:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 01:40:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	184618	20.00	ng		0.00
21) Naphthalene-d8	9.64	136	754112	20.00	ng		0.00
38) Acenaphthene-d10	12.48	164	337031	20.00	ng		0.00
63) Phenanthrene-d10	14.88	188	612402	20.00	ng		0.00
75) Chrysene-d12	18.56	240	388421	20.00	ng		0.00
86) Perylene-d12	20.23	264	345673	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	892347	84.93	ng		0.00
7) Phenol-d6	7.16	99	1173252	82.64	ng		0.00
23) Nitrobenzene-d5	8.54	82	1237028	82.67	ng		0.00
41) 2,4,6-Tribromophenol	13.78	330	257960	79.65	ng		0.00
44) 2-Fluorobiphenyl	11.43	172	1849716	77.37	ng		0.00
78) Terphenyl-d14	17.22	244	1637259	89.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	193971	34.99	ng	#	71
3) Pyridine	2.55	79	437351	36.09	ng	#	67
4) n-Nitrosodimethylamine	2.52	42	365266	39.11	ng	#	47
6) Aniline	7.12	93	759397	41.35	ng		94
8) 2-Chlorophenol	7.30	128	528357	40.32	ng		96
9) Benzaldehyde	6.92	77	291426	37.18	ng		95
10) Phenol	7.19	94	659534	42.54	ng		86
11) bis(2-Chloroethyl)ether	7.26	93	494431	39.40	ng		85
12) 1,3-Dichlorobenzene	7.52	146	564826	39.52	ng	#	96
13) 1,4-Dichlorobenzene	7.64	146	581185	39.61	ng		96
14) 1,2-Dichlorobenzene	7.87	146	529302	39.00	ng		96
15) Benzyl Alcohol	7.91	79	438676	42.38	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.10	45	1115708	39.52	ng		86
17) 2-Methylphenol	8.12	107	426448	40.61	ng	#	90
18) Hexachloroethane	8.39	117	217692	39.77	ng		99
19) n-Nitroso-di-n-propylamine	8.34	70	413110	39.02	ng	#	70
20) 3+4-Methylphenols	8.38	107	538442	42.42	ng	#	59
22) Acetophenone	8.31	105	730745	40.56	ng	#	98
24) Nitrobenzene	8.57	77	649834	41.14	ng		96
25) Isophorone	8.96	82	1088638	40.57	ng		99
26) 2-Nitrophenol	9.07	139	277327	42.95	ng	#	92
27) 2,4-Dimethylphenol	9.21	122	465658	41.55	ng		88
28) bis(2-Chloroethoxy)methane	9.34	93	601910	39.82	ng		98
29) 2,4-Dichlorophenol	9.47	162	425501	42.13	ng		94
30) 1,2,4-Trichlorobenzene	9.58	180	458760	39.67	ng		99
31) Naphthalene	9.68	128	1451236	38.40	ng		99
32) Benzoic acid	9.55	122	218000	39.01	ng		88
33) 4-Chloroaniline	9.82	127	551056	39.59	ng	#	89
34) Hexachlorobutadiene	9.90	225	279187	39.72	ng		99
35) Caprolactam	10.49	113	125076m	42.43	ng		
36) 4-Chloro-3-methylphenol	10.68	107	480906	42.11	ng		92
37) 2-Methylnaphthalene	10.81	142	936319	39.66	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	431099	39.96	ng		99
40) Hexachlorocyclopentadiene	11.05	237	107851	30.88	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	267303	42.93	ng		96
43) 2,4,5-Trichlorophenol	11.38	196	267494	42.18	ng	#	90
45) 1,1'-Biphenyl	11.58	154	1100479	38.78	ng		96
46) 2-Chloronaphthalene	11.60	162	872092	40.17	ng		97
47) 2-Nitroaniline	11.81	65	332147	42.47	ng	#	75
48) Acenaphthylene	12.25	152	1352034	39.34	ng		99
49) Dimethylphthalate	12.14	163	1097240	40.64	ng		100
50) 2,6-Dinitrotoluene	12.23	165	225078	41.37	ng	#	88
51) Acenaphthene	12.54	154	804586	38.09	ng		98
52) 3-Nitroaniline	12.49	138	223974	40.11	ng	#	81
53) 2,4-Dinitrophenol	12.70	184	57240	25.42	ng	#	80
54) Dibenzofuran	12.82	168	1126207	39.38	ng		96
55) 4-Nitrophenol	12.87	139	112291	42.16	ng	#	50
56) 2,4-Dinitrotoluene	12.88	165	298802	41.10	ng	#	87
57) Fluorene	13.37	166	959075	38.67	ng		98
58) 2,3,4,6-Tetrachlorophenol	13.05	232	202151	41.44	ng		97
59) Diethylphthalate	13.28	149	1027373	39.14	ng		99
60) 4-Chlorophenyl-phenylether	13.41	204	483452	39.97	ng	#	85
61) 4-Nitroaniline	13.50	138	226442	43.45	ng	#	65
62) Azobenzene	13.66	77	1102531	40.49	ng		87
64) 4,6-Dinitro-2-methylphenol	13.55	198	115640	29.70	ng	#	79
65) n-Nitrosodiphenylamine	13.61	169	803232	40.56	ng		99
66) 4-Bromophenyl-phenylether	14.18	248	267336	39.90	ng		95
67) Hexachlorobenzene	14.26	284	278218	39.71	ng	#	85
68) Atrazine	14.54	200	263507	41.74	ng		94
69) Pentachlorophenol	14.62	266	76025	38.39	ng		98
70) Phenanthrene	14.93	178	1332718	39.29	ng		99
71) Anthracene	15.01	178	1331818	38.86	ng		100
72) Carbazole	15.29	167	1146521	39.23	ng		99
73) Di-n-butylphthalate	15.86	149	1574532	41.66	ng		99
74) Fluoranthene	16.66	202	1200824	35.30	ng		97
76) Benzidine	16.89	184	361793	36.20	ng		99
77) Pyrene	16.97	202	1183018	42.31	ng		100
79) Butylbenzylphthalate	17.87	149	563616	45.46	ng	#	71
80) Benzo(a)anthracene	18.55	228	859623	38.91	ng		99
81) 3,3'-Dichlorobenzidine	18.54	252	510964	41.86	ng	#	96
82) Chrysene	18.59	228	854089	38.95	ng		99
83) Bis(2-ethylhexyl)phthalate	18.62	149	795592	43.97	ng		96
84) Di-n-octyl phthalate	19.38	149	1172758	42.50	ng	#	85
85) Indeno(1,2,3-cd)pyrene	21.50	276	853782	48.57	ng		94
87) Benzo(b)fluoranthene	19.82	252	938157m	42.61	ng		
88) Benzo(k)fluoranthene	19.85	252	618521m	32.64	ng		
89) Benzo(a)pyrene	20.17	252	755623	39.68	ng		99
90) Dibenzo(a,h)anthracene	21.50	278	711250	43.79	ng		97
91) Benzo(g,h,i)perylene	21.86	276	701965	43.80	ng	#	89

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

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