Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
Data File : BF086513.D
Acq On : 30 Apr 2016 9:48
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/2/2016 7:52:47 PM

Quant Time: May 01 01:17:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	162789	20.00	ng		-0.03
21) Naphthalene-d8	8.05	136	689073	20.00	ng		-0.05
38) Acenaphthene-d10	9.81	164	343146	20.00	ng		-0.03
63) Phenanthrene-d10	11.29	188	620798	20.00	ng		-0.03
75) Chrysene-d12	13.92	240	421434	20.00	ng		-0.05
86) Perylene-d12	15.31	264	356119	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	816643	86.53	ng		-0.03
7) Phenol-d6	6.41	99	1109291	84.22	ng		-0.03
23) Nitrobenzene-d5	7.34	82	1118485	87.49	ng		-0.03
41) 2,4,6-Tribromophenol	10.60	330	305570	84.44	ng		-0.03
44) 2-Fluorobiphenyl	9.14	172	1650117	83.93	ng		-0.03
78) Terphenyl-d14	12.88	244	1703447	89.05	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	203402	41.03	ng	#	78
3) Pyridine	2.98	79	564848	48.14	ng	#	69
4) n-Nitrosodimethylamine	2.93	42	308723	46.16	ng	#	60
6) Aniline	6.43	93	655359	41.12	ng	#	60
8) 2-Chlorophenol	6.56	128	489296	41.62	ng		97
9) Benzaldehyde	6.32	77	307139	40.08	ng		93
10) Phenol	6.43	94	605874	41.23	ng	#	46
11) bis(2-Chloroethyl)ether	6.51	93	509931	40.14	ng		88
12) 1,3-Dichlorobenzene	6.70	146	478239m	37.82	ng		
13) 1,4-Dichlorobenzene	6.78	146	499682m	38.30	ng		
14) 1,2-Dichlorobenzene	6.94	146	477273	39.89	ng		97
15) Benzyl Alcohol	6.92	79	377578	45.31	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1049725	41.28	ng		88
17) 2-Methylphenol	7.04	107	380751	40.07	ng	#	95
18) Hexachloroethane	7.29	117	190491	39.08	ng	#	77
19) n-Nitroso-di-n-propylamine	7.20	70	351475	40.37	ng	#	74
20) 3+4-Methylphenols	7.20	107	470787	43.40	ng	#	71
22) Acetophenone	7.18	105	607443	40.20	ng	#	90
24) Nitrobenzene	7.36	77	523331	39.80	ng		96
25) Isophorone	7.61	82	1000153	40.65	ng	#	94
26) 2-Nitrophenol	7.68	139	276437	45.65	ng		88
27) 2,4-Dimethylphenol	7.72	122	456555	42.97	ng		92
28) bis(2-Chloroethoxy)methane	7.81	93	540186	40.30	ng		98
29) 2,4-Dichlorophenol	7.92	162	371880	41.49	ng		94
30) 1,2,4-Trichlorobenzene	8.00	180	408813	39.31	ng		95
31) Naphthalene	8.08	128	1251046	35.68	ng		99
32) Benzoic acid	7.85	122	255976	41.29	ng		86
33) 4-Chloroaniline	8.13	127	577499	43.98	ng	#	95
34) Hexachlorobutadiene	8.20	225	234147	40.17	ng		99
35) Caprolactam	8.52	113	138927	46.46	ng	#	84
36) 4-Chloro-3-methylphenol	8.62	107	464106	45.22	ng		99
37) 2-Methylnaphthalene	8.77	142	878363	42.45	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	352394	35.88	ng		98
40) Hexachlorocyclopentadiene	8.92	237	170486	34.93	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	249508	40.19	ng		96
43) 2,4,5-Trichlorophenol	9.09	196	281244	41.56	ng	#	94
45) 1,1'-Biphenyl	9.24	154	1061908	37.02	ng		99
46) 2-Chloronaphthalene	9.26	162	838859	38.47	ng		98
47) 2-Nitroaniline	9.36	65	322622	46.13	ng	#	81
48) Acenaphthylene	9.68	152	1354623	39.74	ng		99
49) Dimethylphthalate	9.54	163	946489	36.64	ng		99
50) 2,6-Dinitrotoluene	9.61	165	222538	41.70	ng	#	65
51) Acenaphthene	9.85	154	899518	41.08	ng		99
52) 3-Nitroaniline	9.77	138	248063	40.87	ng		85
53) 2,4-Dinitrophenol	9.87	184	99309	38.53	ng	#	73
54) Dibenzofuran	10.02	168	1079078	39.43	ng		98
55) 4-Nitrophenol	9.94	139	172731	43.46	ng		90
56) 2,4-Dinitrotoluene	10.01	165	292272	42.96	ng	#	88
57) Fluorene	10.36	166	859733	36.18	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	207972	39.31	ng		97
59) Diethylphthalate	10.24	149	933934	38.19	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	390521	36.20	ng		96
61) 4-Nitroaniline	10.38	138	263817	44.47	ng		82
62) Azobenzene	10.51	77	1084416	40.48	ng		90
64) 4,6-Dinitro-2-methylphenol	10.41	198	151413	41.55	ng	#	39
65) n-Nitrosodiphenylamine	10.48	169	796948	41.08	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	258916	40.47	ng	#	86
67) Hexachlorobenzene	10.90	284	279509	37.75	ng	#	68
68) Atrazine	11.00	200	242243	41.58	ng		97
69) Pentachlorophenol	11.09	266	160802	41.19	ng		96
70) Phenanthrene	11.31	178	1236281	37.95	ng		100
71) Anthracene	11.37	178	1410019	40.55	ng		99
72) Carbazole	11.53	167	1275729	41.40	ng		99
73) Di-n-butylphthalate	11.86	149	1467579	42.04	ng		99
74) Fluoranthene	12.50	202	1414807	43.02	ng		96
76) Benzidine	12.62	184	631320	43.59	ng		96
77) Pyrene	12.73	202	1422165	46.83	ng		99
79) Butylbenzylphthalate	13.34	149	532519	40.49	ng	#	68
80) Benzo(a)anthracene	13.91	228	949294	42.25	ng		100
81) 3,3'-Dichlorobenzidine	13.88	252	683562	45.51	ng	#	97
82) Chrysene	13.95	228	1100508	45.06	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	576066	35.29	ng	#	95
84) Di-n-octyl phthalate	14.52	149	969232	37.91	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	895516	49.49	ng		97
87) Benzo(b)fluoranthene	14.92	252	839529m	40.07	ng		
88) Benzo(k)fluoranthene	14.95	252	811901m	37.15	ng		
89) Benzo(a)pyrene	15.25	252	771444	39.00	ng	#	97
90) Dibenzo(a,h)anthracene	16.67	278	738711	45.64	ng		97
91) Benzo(g,h,i)perylene	17.06	276	757507	46.70	ng	#	92

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

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