Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087321.D
Acq On : 24 May 2016 3:22
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 24 05:55:39 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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	189199	20.00	ng		0.00
21) Naphthalene-d8	9.64	136	768577	20.00	ng		0.00
38) Acenaphthene-d10	12.48	164	349151	20.00	ng		0.00
63) Phenanthrene-d10	14.88	188	656151	20.00	ng		0.00
75) Chrysene-d12	18.56	240	474965	20.00	ng		0.00
86) Perylene-d12	20.23	264	377716	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	930250	86.40	ng		0.00
7) Phenol-d6	7.16	99	1165808	80.13	ng		0.00
23) Nitrobenzene-d5	8.54	82	1234221	80.93	ng		0.00
41) 2,4,6-Tribromophenol	13.78	330	272066	81.09	ng		0.00
44) 2-Fluorobiphenyl	11.43	172	1862782	75.21	ng		0.00
78) Terphenyl-d14	17.22	244	1870664	83.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	231395	40.73	ng	#	76
3) Pyridine	2.55	79	490808	39.52	ng	#	68
4) n-Nitrosodimethylamine	2.52	42	419524	43.84	ng	#	47
6) Aniline	7.12	93	770250	40.92	ng		93
8) 2-Chlorophenol	7.29	128	535881	39.91	ng		86
9) Benzaldehyde	6.94	77	290132	36.12	ng		96
10) Phenol	7.18	94	555492	34.96	ng		77
11) bis(2-Chloroethyl)ether	7.26	93	505553	39.32	ng		84
12) 1,3-Dichlorobenzene	7.52	146	579125	39.54	ng		96
13) 1,4-Dichlorobenzene	7.64	146	594630	39.55	ng		96
14) 1,2-Dichlorobenzene	7.87	146	546259	39.28	ng		97
15) Benzyl Alcohol	7.91	79	436064	41.11	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.10	45	1120103	38.71	ng		91
17) 2-Methylphenol	8.12	107	426284	39.61	ng	#	89
18) Hexachloroethane	8.39	117	221436	39.48	ng		99
19) n-Nitroso-di-n-propylamine	8.34	70	432549	39.87	ng	#	73
20) 3+4-Methylphenols	8.38	107	540609	41.56	ng	#	60
22) Acetophenone	8.31	105	741178	40.37	ng	#	98
24) Nitrobenzene	8.57	77	660351	41.02	ng		95
25) Isophorone	8.96	82	1104675	40.39	ng		99
26) 2-Nitrophenol	9.06	139	279243	42.44	ng	#	66
27) 2,4-Dimethylphenol	9.20	122	460252	40.29	ng		86
28) bis(2-Chloroethoxy)methane	9.34	93	615492	39.95	ng		99
29) 2,4-Dichlorophenol	9.47	162	430496	41.82	ng		97
30) 1,2,4-Trichlorobenzene	9.58	180	473005	40.14	ng		98
31) Naphthalene	9.68	128	1511401	39.24	ng		99
32) Benzoic acid	9.55	122	212298	37.54	ng		88
33) 4-Chloroaniline	9.82	127	565732	39.88	ng	#	90
34) Hexachlorobutadiene	9.90	225	287783	40.17	ng		97
35) Caprolactam	10.49	113	130310m	43.37	ng		
36) 4-Chloro-3-methylphenol	10.68	107	490198	42.12	ng		95
37) 2-Methylnaphthalene	10.81	142	958562	39.84	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.09	216	445238	39.84	ng		98
40) Hexachlorocyclopentadiene	11.05	237	149779	38.17	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	268169	41.57	ng		96
43) 2,4,5-Trichlorophenol	11.38	196	270153	41.12	ng	#	92
45) 1,1'-Biphenyl	11.58	154	1131940	38.51	ng		97
46) 2-Chloronaphthalene	11.60	162	888955	39.53	ng		97
47) 2-Nitroaniline	11.81	65	336590	41.54	ng	#	76
48) Acenaphthylene	12.25	152	1390580	39.06	ng		99
49) Dimethylphthalate	12.14	163	1111201	39.73	ng		100
50) 2,6-Dinitrotoluene	12.23	165	232492	41.25	ng	#	87
51) Acenaphthene	12.54	154	852345	38.95	ng		99
52) 3-Nitroaniline	12.49	138	231650	40.05	ng	#	82
53) 2,4-Dinitrophenol	12.69	184	103832	39.60	ng	#	73
54) Dibenzofuran	12.82	168	1169032	39.45	ng		97
55) 4-Nitrophenol	12.87	139	117149	42.46	ng	#	59
56) 2,4-Dinitrotoluene	12.88	165	309641	41.11	ng	#	90
57) Fluorene	13.37	166	999120	38.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.05	232	215534	42.65	ng		99
59) Diethylphthalate	13.28	149	1043432	38.37	ng		99
60) 4-Chlorophenyl-phenylether	13.41	204	499520	39.87	ng	#	84
61) 4-Nitroaniline	13.51	138	232669	43.10	ng	#	77
62) Azobenzene	13.66	77	1160933	41.15	ng		87
64) 4,6-Dinitro-2-methylphenol	13.55	198	178730	42.84	ng	#	82
65) n-Nitrosodiphenylamine	13.62	169	851601	40.13	ng		99
66) 4-Bromophenyl-phenylether	14.18	248	285269	39.74	ng		96
67) Hexachlorobenzene	14.26	284	296443	39.49	ng	#	82
68) Atrazine	14.54	200	275012	40.66	ng		93
69) Pentachlorophenol	14.62	266	87076	40.62	ng		98
70) Phenanthrene	14.93	178	1407965	38.74	ng		100
71) Anthracene	15.01	178	1429829	38.94	ng		99
72) Carbazole	15.29	167	1244803	39.75	ng		99
73) Di-n-butylphthalate	15.86	149	1671294	41.27	ng		99
74) Fluoranthene	16.67	202	1408475	38.65	ng		91
76) Benzidine	16.89	184	514976	42.14	ng		99
77) Pyrene	16.97	202	1383319	40.46	ng		100
79) Butylbenzylphthalate	17.87	149	633655	41.79	ng	#	70
80) Benzo(a)anthracene	18.55	228	1064712	39.41	ng		99
81) 3,3'-Dichlorobenzidine	18.54	252	579379	38.82	ng		97
82) Chrysene	18.59	228	1032493	38.51	ng		98
83) Bis(2-ethylhexyl)phthalate	18.62	149	893536	40.39	ng		96
84) Di-n-octyl phthalate	19.38	149	1398232	41.44	ng	#	86
85) Indeno(1,2,3-cd)pyrene	21.49	276	884596	41.15	ng		95
87) Benzo(b)fluoranthene	19.82	252	825433m	34.31	ng		
88) Benzo(k)fluoranthene	19.85	252	936817m	45.24	ng		
89) Benzo(a)pyrene	20.17	252	848522	40.78	ng		98
90) Dibenzo(a,h)anthracene	21.50	278	747556	42.12	ng	#	93
91) Benzo(g,h,i)perylene	21.85	276	742065	42.38	ng		94

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

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