Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087500.D
Acq On : 29 May 2016 3:11
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
umangi
5/31/2016 7:34:14 PM

Quant Time: May 31 18:33:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 30 04:10:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	186245	20.00	ng		0.00
21) Naphthalene-d8	9.51	136	759875	20.00	ng		0.00
38) Acenaphthene-d10	12.33	164	352033	20.00	ng		0.00
63) Phenanthrene-d10	14.73	188	646122	20.00	ng		0.00
75) Chrysene-d12	18.45	240	426182	20.00	ng		0.01
86) Perylene-d12	20.11	264	350447	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	923632	87.14	ng		0.01
7) Phenol-d6	7.04	99	1188738	83.00	ng		0.00
23) Nitrobenzene-d5	8.41	82	1296728	86.01	ng		0.01
41) 2,4,6-Tribromophenol	13.63	330	272192	80.46	ng		0.00
44) 2-Fluorobiphenyl	11.29	172	1899519	76.07	ng		0.00
78) Terphenyl-d14	17.10	244	1863711	92.97	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.76	88	207452	37.09	ng	#	76
3) Pyridine	2.34	79	485661m	39.72	ng		
4) n-Nitrosodimethylamine	2.33	42	396091	42.04	ng	#	43
6) Aniline	6.98	93	773539	41.75	ng		93
8) 2-Chlorophenol	7.15	128	538851	40.77	ng		88
9) Benzaldehyde	6.79	77	314808	39.81	ng		98
10) Phenol	7.06	94	660493	42.23	ng		84
11) bis(2-Chloroethyl)ether	7.12	93	497766	39.32	ng		85
12) 1,3-Dichlorobenzene	7.37	146	570971	39.60	ng	#	94
13) 1,4-Dichlorobenzene	7.50	146	580215m	39.20	ng		
14) 1,2-Dichlorobenzene	7.74	146	544157	39.75	ng		98
15) Benzyl Alcohol	7.78	79	474062	45.40	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.96	45	1075897	37.78	ng		87
17) 2-Methylphenol	8.00	107	438125	41.36	ng	#	90
18) Hexachloroethane	8.24	117	222837	40.36	ng		96
19) n-Nitroso-di-n-propylamine	8.22	70	435719	40.79	ng	#	78
20) 3+4-Methylphenols	8.26	107	566376	44.23	ng	#	61
22) Acetophenone	8.17	105	760104	41.87	ng	#	96
24) Nitrobenzene	8.43	77	672855	42.28	ng		98
25) Isophorone	8.83	82	1100371	40.69	ng		98
26) 2-Nitrophenol	8.94	139	282953	43.49	ng	#	86
27) 2,4-Dimethylphenol	9.07	122	451328	39.96	ng	#	84
28) bis(2-Chloroethoxy)methane	9.20	93	586424	38.50	ng	#	98
29) 2,4-Dichlorophenol	9.35	162	399028	39.20	ng		98
30) 1,2,4-Trichlorobenzene	9.43	180	460419	39.52	ng		96
31) Naphthalene	9.54	128	1536016	40.34	ng		100
32) Benzoic acid	9.46	122	216231	38.49	ng		88
33) 4-Chloroaniline	9.69	127	603501	43.03	ng	#	95
34) Hexachlorobutadiene	9.75	225	278932	39.38	ng		99
35) Caprolactam	10.38	113	127851m	43.04	ng		
36) 4-Chloro-3-methylphenol	10.56	107	483743	42.04	ng		88
37) 2-Methylnaphthalene	10.66	142	922137	38.77	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	425128	37.73	ng		98
40) Hexachlorocyclopentadiene	10.90	237	108383	30.07	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.18	196	264483	40.66	ng		93
43) 2,4,5-Trichlorophenol	11.26	196	247732	37.40	ng	#	91
45) 1,1'-Biphenyl	11.44	154	1183751	39.94	ng		97
46) 2-Chloronaphthalene	11.45	162	866224	38.20	ng		93
47) 2-Nitroaniline	11.68	65	366152	44.82	ng	#	81
48) Acenaphthylene	12.10	152	1350157	37.61	ng		99
49) Dimethylphthalate	12.00	163	1107167	39.26	ng		99
50) 2,6-Dinitrotoluene	12.09	165	215347	37.90	ng	#	52
51) Acenaphthene	12.39	154	834529	37.82	ng		98
52) 3-Nitroaniline	12.37	138	257636	44.18	ng		88
53) 2,4-Dinitrophenol	12.58	184	73243	29.67	ng	#	84
54) Dibenzofuran	12.67	168	1133221	37.93	ng		93
55) 4-Nitrophenol	12.77	139	93565	33.63	ng	#	38
56) 2,4-Dinitrotoluene	12.75	165	311470	41.01	ng		92
57) Fluorene	13.23	166	1012678	39.09	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.91	232	200485	39.35	ng		98
59) Diethylphthalate	13.14	149	1052218	38.38	ng		99
60) 4-Chlorophenyl-phenylether	13.26	204	486697	38.53	ng		91
61) 4-Nitroaniline	13.37	138	231787	42.58	ng	#	64
62) Azobenzene	13.51	77	1171959	41.20	ng		84
64) 4,6-Dinitro-2-methylphenol	13.43	198	154122	37.51	ng	#	82
65) n-Nitrosodiphenylamine	13.47	169	819288	39.21	ng		100
66) 4-Bromophenyl-phenylether	14.03	248	276739	39.15	ng		94
67) Hexachlorobenzene	14.11	284	294400	39.82	ng	#	79
68) Atrazine	14.40	200	220106	33.05	ng		94
69) Pentachlorophenol	14.48	266	83080	39.55	ng		97
70) Phenanthrene	14.78	178	1419181	39.65	ng		100
71) Anthracene	14.86	178	1416595	39.18	ng		100
72) Carbazole	15.15	167	1242334	40.29	ng		98
73) Di-n-butylphthalate	15.73	149	1527159	38.30	ng	#	98
74) Fluoranthene	16.54	202	1342516	37.41	ng		97
76) Benzidine	16.77	184	578004	52.71	ng		98
77) Pyrene	16.85	202	1444610	47.09	ng		100
79) Butylbenzylphthalate	17.76	149	621555	45.69	ng		92
80) Benzo(a)anthracene	18.42	228	983154	40.56	ng		99
81) 3,3'-Dichlorobenzidine	18.41	252	544172	40.63	ng		99
82) Chrysene	18.47	228	973461	40.46	ng		99
83) Bis(2-ethylhexyl)phthalate	18.49	149	811547	40.88	ng	#	95
84) Di-n-octyl phthalate	19.27	149	1172763	38.74	ng	#	84
85) Indeno(1,2,3-cd)pyrene	21.33	276	951619	49.34	ng		94
87) Benzo(b)fluoranthene	19.70	252	783028m	35.08	ng		
88) Benzo(k)fluoranthene	19.73	252	850345m	44.26	ng		
89) Benzo(a)pyrene	20.06	252	796174	41.24	ng	#	97
90) Dibenzo(a,h)anthracene	21.33	278	792853	48.15	ng		96
91) Benzo(g,h,i)perylene	21.67	276	790443	48.65	ng		94

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

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