Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
Data File : BF086590.D
Acq On : 2 May 2016 1:25
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/2/2016 7:47:58 PM

Quant Time: May 02 05:02:32 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	6.76	152	169445	20.00	ng		-0.05
21) Naphthalene-d8	8.05	136	725567	20.00	ng		-0.05
38) Acenaphthene-d10	9.80	164	339151	20.00	ng		-0.05
63) Phenanthrene-d10	11.29	188	631840	20.00	ng		-0.03
75) Chrysene-d12	13.92	240	427476	20.00	ng		-0.05
86) Perylene-d12	15.31	264	405127	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	847008	86.22	ng		-0.03
7) Phenol-d6	6.41	99	1114773	81.31	ng		-0.03
23) Nitrobenzene-d5	7.34	82	1168714	86.82	ng		-0.03
41) 2,4,6-Tribromophenol	10.59	330	292882	81.89	ng		-0.05
44) 2-Fluorobiphenyl	9.14	172	1715466	89.54	ng		-0.03
78) Terphenyl-d14	12.87	244	1568740	80.85	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	211926	41.07	ng	#	77
3) Pyridine	2.98	79	566297	46.37	ng	#	75
4) n-Nitrosodimethylamine	2.93	42	330066	47.42	ng	#	58
6) Aniline	6.43	93	711573	42.89	ng	#	77
8) 2-Chlorophenol	6.56	128	493509	40.33	ng		96
9) Benzaldehyde	6.30	77	215621	27.03	ng		95
10) Phenol	6.42	94	577750	37.77	ng	#	61
11) bis(2-Chloroethyl)ether	6.51	93	561615	42.47	ng		92
12) 1,3-Dichlorobenzene	6.70	146	506403m	38.48	ng		
13) 1,4-Dichlorobenzene	6.78	146	540711	39.82	ng		95
14) 1,2-Dichlorobenzene	6.94	146	475975	38.22	ng		94
15) Benzyl Alcohol	6.92	79	339455	39.14	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1049648	39.66	ng		93
17) 2-Methylphenol	7.04	107	412688	41.73	ng	#	93
18) Hexachloroethane	7.28	117	195195	38.47	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	372118	41.06	ng	#	75
20) 3+4-Methylphenols	7.20	107	482410	42.72	ng	#	67
22) Acetophenone	7.18	105	652525	41.01	ng	#	90
24) Nitrobenzene	7.36	77	575137	41.54	ng		97
25) Isophorone	7.60	82	1000814	38.63	ng		98
26) 2-Nitrophenol	7.68	139	277217	43.48	ng		97
27) 2,4-Dimethylphenol	7.72	122	472810	42.27	ng		94
28) bis(2-Chloroethoxy)methane	7.81	93	584053	41.38	ng		99
29) 2,4-Dichlorophenol	7.92	162	394879	41.84	ng		96
30) 1,2,4-Trichlorobenzene	8.00	180	420634	38.42	ng		96
31) Naphthalene	8.08	128	1449800	39.27	ng		99
32) Benzoic acid	7.86	122	235119	37.14	ng		87
33) 4-Chloroaniline	8.13	127	593958	42.96	ng		98
34) Hexachlorobutadiene	8.20	225	229474	37.39	ng		98
35) Caprolactam	8.51	113	128535	40.82	ng	#	58
36) 4-Chloro-3-methylphenol	8.62	107	454363	42.05	ng		94
37) 2-Methylnaphthalene	8.76	142	836368	38.39	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	389826	40.16	ng		98
40) Hexachlorocyclopentadiene	8.92	237	188432	39.06	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	252986	41.23	ng		94
43) 2,4,5-Trichlorophenol	9.09	196	284425	42.52	ng		96
45) 1,1'-Biphenyl	9.23	154	1061419	37.44	ng		96
46) 2-Chloronaphthalene	9.25	162	821117	38.10	ng		94
47) 2-Nitroaniline	9.36	65	337485	48.83	ng		86
48) Acenaphthylene	9.66	152	1264293	37.53	ng		99
49) Dimethylphthalate	9.54	163	996726	39.04	ng		100
50) 2,6-Dinitrotoluene	9.60	165	210414	39.89	ng	#	77
51) Acenaphthene	9.84	154	840863	38.86	ng		99
52) 3-Nitroaniline	9.77	138	267294	44.56	ng		87
53) 2,4-Dinitrophenol	9.87	184	99992	39.11	ng	#	80
54) Dibenzofuran	10.01	168	1022033	37.79	ng		94
55) 4-Nitrophenol	9.94	139	145078	36.94	ng		85
56) 2,4-Dinitrotoluene	10.00	165	285558	42.47	ng	#	85
57) Fluorene	10.35	166	814567	34.69	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	230863	44.15	ng		96
59) Diethylphthalate	10.24	149	1017382	42.09	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	428860	40.22	ng	#	85
61) 4-Nitroaniline	10.38	138	234849	40.05	ng		85
62) Azobenzene	10.51	77	1097965	41.47	ng		89
64) 4,6-Dinitro-2-methylphenol	10.41	198	162434	43.79	ng	#	70
65) n-Nitrosodiphenylamine	10.46	169	749475	37.95	ng		100
66) 4-Bromophenyl-phenylether	10.83	248	262354	40.30	ng	#	88
67) Hexachlorobenzene	10.90	284	304393	40.39	ng	#	85
68) Atrazine	11.00	200	255817	43.14	ng		95
69) Pentachlorophenol	11.09	266	163541	41.16	ng		98
70) Phenanthrene	11.31	178	1289292	38.88	ng		99
71) Anthracene	11.37	178	1446024	40.86	ng		99
72) Carbazole	11.52	167	1192804	38.03	ng		99
73) Di-n-butylphthalate	11.86	149	1441308	40.57	ng		99
74) Fluoranthene	12.49	202	1260709	37.67	ng		100
76) Benzidine	12.63	184	336259	22.89	ng		98
77) Pyrene	12.72	202	1224488	39.75	ng		100
79) Butylbenzylphthalate	13.35	149	574323	43.05	ng	#	82
80) Benzo(a)anthracene	13.91	228	966340	42.40	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	547108	35.91	ng		98
82) Chrysene	13.94	228	882375	35.62	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	646707	39.05	ng		97
84) Di-n-octyl phthalate	14.51	149	994506	38.35	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.65	276	1016724	55.39	ng		97
87) Benzo(b)fluoranthene	14.91	252	1013741m	42.54	ng		
88) Benzo(k)fluoranthene	14.95	252	778424m	31.31	ng		
89) Benzo(a)pyrene	15.25	252	881207	39.16	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	841164	45.68	ng		98
91) Benzo(g,h,i)perylene	17.05	276	849249	46.02	ng	#	93

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

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