Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090616\
Data File : BF089994.D
Acq On : 6 Sep 2016 18:01
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
9/7/2016 8:50:37 AM

Quant Time: Sep 06 19:05:30 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	205896	20.00	ng		-0.02
21) Naphthalene-d8	7.91	136	843625	20.00	ng		-0.02
38) Acenaphthene-d10	9.66	164	434977	20.00	ng		-0.01
63) Phenanthrene-d10	11.12	188	813051	20.00	ng		-0.02
75) Chrysene-d12	13.74	240	641649	20.00	ng		-0.02
86) Perylene-d12	15.07	264	527231	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1013567	78.79	ng		-0.02
7) Phenol-d6	6.27	99	1206546	77.19	ng		-0.01
23) Nitrobenzene-d5	7.19	82	1050262	72.20	ng		-0.02
41) 2,4,6-Tribromophenol	10.43	330	328461	76.54	ng		-0.02
44) 2-Fluorobiphenyl	8.98	172	1933616	72.97	ng		-0.02
78) Terphenyl-d14	12.71	244	2018976	77.73	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	226478	37.16	ng		96
3) Pyridine	2.68	79	620533	38.16	ng		98
4) n-Nitrosodimethylamine	2.65	42	301118	37.55	ng		95
6) Aniline	6.28	93	774008	36.29	ng	#	85
8) 2-Chlorophenol	6.40	128	542922	38.90	ng		89
9) Benzaldehyde	6.16	77	384330	38.11	ng		98
10) Phenol	6.28	94	713469	39.25	ng		95
11) bis(2-Chloroethyl)ether	6.36	93	563329	40.96	ng		93
12) 1,3-Dichlorobenzene	6.56	146	633340	40.63	ng		97
13) 1,4-Dichlorobenzene	6.64	146	645802	40.50	ng		94
14) 1,2-Dichlorobenzene	6.79	146	568654	39.78	ng		100
15) Benzyl Alcohol	6.78	79	393180	40.16	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.91	45	992379	37.84	ng		90
17) 2-Methylphenol	6.90	107	435616	39.09	ng	#	93
18) Hexachloroethane	7.13	117	214952	39.35	ng		99
19) n-Nitroso-di-n-propylamine	7.05	70	383017	37.60	ng		92
20) 3+4-Methylphenols	7.05	107	553947	41.00	ng	#	80
22) Acetophenone	7.04	105	725910	38.36	ng	#	91
24) Nitrobenzene	7.21	77	606331	39.21	ng	#	89
25) Isophorone	7.45	82	1085905	36.71	ng		97
26) 2-Nitrophenol	7.53	139	313238	42.37	ng	#	78
27) 2,4-Dimethylphenol	7.58	122	491620	35.95	ng		99
28) bis(2-Chloroethoxy)methane	7.67	93	657459	36.85	ng		98
29) 2,4-Dichlorophenol	7.77	162	497112	40.55	ng		96
30) 1,2,4-Trichlorobenzene	7.85	180	515060	38.43	ng		98
31) Naphthalene	7.93	128	1633417	38.87	ng		99
32) Benzoic acid	7.72	122	444202	48.22	ng		97
33) 4-Chloroaniline	7.99	127	696320	41.06	ng		95
34) Hexachlorobutadiene	8.06	225	317121	40.38	ng		97
35) Caprolactam	8.36	113	144660	37.39	ng		93
36) 4-Chloro-3-methylphenol	8.48	107	537575	41.41	ng		89
37) 2-Methylnaphthalene	8.62	142	1029000	37.05	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	531835	41.74	ng		98
40) Hexachlorocyclopentadiene	8.78	237	293767	44.96	ng		97

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Quant Time: Sep 06 19:05:30 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	382143	43.27	ng		97
43) 2,4,5-Trichlorophenol	8.94	196	347219	40.89	ng		99
45) 1,1'-Biphenyl	9.08	154	1382402	39.47	ng		97
46) 2-Chloronaphthalene	9.11	162	1023125	41.30	ng		94
47) 2-Nitroaniline	9.20	65	312484	38.58	ng		99
48) Acenaphthylene	9.51	152	1522777	37.17	ng		99
49) Dimethylphthalate	9.39	163	1149428	36.56	ng		99
50) 2,6-Dinitrotoluene	9.45	165	297287	42.52	ng		91
51) Acenaphthene	9.69	154	1060970	40.88	ng		99
52) 3-Nitroaniline	9.62	138	321931	40.37	ng	#	68
53) 2,4-Dinitrophenol	9.71	184	152593	42.88	ng		99
54) Dibenzofuran	9.86	168	1294400	37.22	ng		91
55) 4-Nitrophenol	9.79	139	271295	45.10	ng		87
56) 2,4-Dinitrotoluene	9.85	165	377822	42.61	ng		95
57) Fluorene	10.19	166	895986	35.25	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	289242	39.78	ng		99
59) Diethylphthalate	10.09	149	1203766	40.70	ng		97
60) 4-Chlorophenyl-phenylether	10.19	204	431044	36.04	ng	#	82
61) 4-Nitroaniline	10.23	138	292971	37.39	ng		90
62) Azobenzene	10.35	77	1163476	39.38	ng		93
64) 4,6-Dinitro-2-methylphenol	10.25	198	211966	40.72	ng		96
65) n-Nitrosodiphenylamine	10.32	169	1018279	41.66	ng		100
66) 4-Bromophenyl-phenylether	10.69	248	335050	40.93	ng	#	82
67) Hexachlorobenzene	10.74	284	394273	42.17	ng	#	81
68) Atrazine	10.85	200	304353	37.30	ng		99
69) Pentachlorophenol	10.94	266	244935	48.69	ng		99
70) Phenanthrene	11.14	178	1502941	37.12	ng		99
71) Anthracene	11.20	178	1666046	40.57	ng		99
72) Carbazole	11.36	167	1615735	41.96	ng		99
73) Di-n-butylphthalate	11.70	149	1806054	40.24	ng		99
74) Fluoranthene	12.32	202	1522140	35.87	ng		96
76) Benzidine	12.46	184	1002652	41.25	ng		97
77) Pyrene	12.55	202	1738893	38.44	ng		99
79) Butylbenzylphthalate	13.18	149	714764	39.18	ng		93
80) Benzo(a)anthracene	13.73	228	1450217	36.90	ng		99
81) 3,3'-Dichlorobenzidine	13.70	252	597489	42.12	ng	#	97
82) Chrysene	13.76	228	1245600	33.93	ng		100
83) Bis(2-ethylhexyl)phthalate	13.75	149	987637	39.14	ng		98
84) Di-n-octyl phthalate	14.35	149	1662369	40.81	ng		99
85) Indeno(1,2,3-cd)pyrene	16.30	276	1031242	38.00	ng		99
87) Benzo(b)fluoranthene	14.72	252	1345507m	40.74	ng		
88) Benzo(k)fluoranthene	14.74	252	1035862m	36.96	ng		
89) Benzo(a)pyrene	15.03	252	1168588	41.30	ng		99
90) Dibenzo(a,h)anthracene	16.31	278	842662	40.64	ng		96
91) Benzo(g,h,i)perylene	16.66	276	837155	40.11	ng		98

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

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