Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
Data File : BF091444.D
Acq On : 6 Dec 2016 4:52
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
12/6/2016 3:01:50 PM

Quant Time: Dec 06 06:55:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 00:16:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	131455	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	529889	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	312205	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	493253	20.00	ng		0.00
75) Chrysene-d12	14.00	240	307461	20.00	ng		0.00
86) Perylene-d12	15.43	264	286551	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	574807	71.43	ng		0.00
7) Phenol-d6	6.48	99	749408	75.66	ng		0.00
23) Nitrobenzene-d5	7.42	82	746566	78.96	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	215572	72.93	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1349792	78.28	ng		0.00
78) Terphenyl-d14	12.96	244	1366819	96.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	133378	36.64	ng	#	81
3) Pyridine	3.17	79	362599	35.20	ng	#	83
4) n-Nitrosodimethylamine	3.11	42	197624	36.56	ng		94
6) Aniline	6.52	93	489211	37.18	ng	#	70
8) 2-Chlorophenol	6.63	128	325054	36.84	ng	#	76
9) Benzaldehyde	6.39	77	225682	35.43	ng		92
10) Phenol	6.50	94	414959	35.60	ng	#	73
11) bis(2-Chloroethyl)ether	6.58	93	289466	34.76	ng		94
12) 1,3-Dichlorobenzene	6.79	146	376682	38.38	ng		97
13) 1,4-Dichlorobenzene	6.87	146	406663	41.66	ng		99
14) 1,2-Dichlorobenzene	7.02	146	338584	37.24	ng		99
15) Benzyl Alcohol	7.00	79	325901	41.11	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	697723	38.96	ng		71
17) 2-Methylphenol	7.11	107	258380	37.05	ng	#	74
18) Hexachloroethane	7.36	117	143357	41.36	ng	#	81
19) n-Nitroso-di-n-propylamine	7.27	70	240040	38.46	ng	#	96
20) 3+4-Methylphenols	7.27	107	355611	41.77	ng	#	55
22) Acetophenone	7.27	105	524679	41.78	ng	#	93
24) Nitrobenzene	7.44	77	400922	41.42	ng	#	76
25) Isophorone	7.68	82	692721	41.35	ng		97
26) 2-Nitrophenol	7.75	139	172488	39.10	ng		96
27) 2,4-Dimethylphenol	7.80	122	348308	42.20	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	382167	37.90	ng		100
29) 2,4-Dichlorophenol	7.99	162	264470	36.43	ng		95
30) 1,2,4-Trichlorobenzene	8.08	180	351796	43.22	ng		98
31) Naphthalene	8.16	128	1034372	41.07	ng		99
32) Benzoic acid	7.91	122	202592	33.30	ng		96
33) 4-Chloroaniline	8.21	127	399784	37.14	ng		95
34) Hexachlorobutadiene	8.29	225	211649	42.29	ng		99
35) Caprolactam	8.58	113	78389	37.57	ng		93
36) 4-Chloro-3-methylphenol	8.69	107	304190	38.81	ng		96
37) 2-Methylnaphthalene	8.85	142	649434	37.96	ng		92
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	363771	41.33	ng	#	98
40) Hexachlorocyclopentadiene	9.01	237	156751	38.42	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	234160	40.94	ng		96
43) 2,4,5-Trichlorophenol	9.17	196	223993	39.08	ng	#	92
45) 1,1'-Biphenyl	9.32	154	895238	39.88	ng		96
46) 2-Chloronaphthalene	9.34	162	651416	38.96	ng		98
47) 2-Nitroaniline	9.43	65	217474	36.22	ng	#	73
48) Acenaphthylene	9.75	152	968946	36.82	ng		98
49) Dimethylphthalate	9.62	163	801889	42.42	ng		99
50) 2,6-Dinitrotoluene	9.68	165	190846	45.17	ng	#	61
51) Acenaphthene	9.92	154	653704	36.82	ng		97
52) 3-Nitroaniline	9.84	138	167645	34.28	ng		88
53) 2,4-Dinitrophenol	9.94	184	45001	24.35	ng		89
54) Dibenzofuran	10.09	168	864557	36.37	ng		99
55) 4-Nitrophenol	10.00	139	113649	32.17	ng		91
56) 2,4-Dinitrotoluene	10.08	165	250880	45.77	ng		99
57) Fluorene	10.44	166	690675	37.85	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	183120	37.41	ng		93
59) Diethylphthalate	10.32	149	759264	40.69	ng	#	92
60) 4-Chlorophenyl-phenylether	10.44	204	371967	40.64	ng		97
61) 4-Nitroaniline	10.46	138	191353	41.67	ng		91
62) Azobenzene	10.60	77	715178	37.56	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	84072	30.94	ng	#	74
65) n-Nitrosodiphenylamine	10.55	169	586352	39.21	ng		100
66) 4-Bromophenyl-phenylether	10.93	248	210647	39.73	ng	#	71
67) Hexachlorobenzene	10.98	284	214870	37.51	ng	#	84
68) Atrazine	11.08	200	172508	35.62	ng		98
69) Pentachlorophenol	11.18	266	115995	34.39	ng		95
70) Phenanthrene	11.40	178	916301	35.75	ng		99
71) Anthracene	11.45	178	1022432	40.19	ng		98
72) Carbazole	11.60	167	805846	34.91	ng		98
73) Di-n-butylphthalate	11.94	149	1062806	40.63	ng		99
74) Fluoranthene	12.58	202	1042754	42.95	ng		97
76) Benzidine	12.70	184	326858	36.21	ng		98
77) Pyrene	12.81	202	1040415	44.59	ng		99
79) Butylbenzylphthalate	13.43	149	378518	43.32	ng		92
80) Benzo(a)anthracene	13.99	228	719616	40.02	ng		98
81) 3,3'-Dichlorobenzidine	13.96	252	242394	38.27	ng	#	98
82) Chrysene	14.04	228	739650	41.57	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	557417	50.33	ng	#	89
84) Di-n-octyl phthalate	14.61	149	833950	49.76	ng		96
85) Indeno(1,2,3-cd)pyrene	16.83	276	674612	41.40	ng	#	91
87) Benzo(b)fluoranthene	15.02	252	809807m	45.47	ng		
88) Benzo(k)fluoranthene	15.05	252	486492m	32.48	ng		
89) Benzo(a)pyrene	15.37	252	616318	38.53	ng	#	94
90) Dibenzo(a,h)anthracene	16.85	278	580278	39.22	ng	#	92
91) Benzo(g,h,i)perylene	17.25	276	556640	36.49	ng		97

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

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