Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091385.D
Acq On : 2 Dec 2016 8:47
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
12/5/2016 11:20:46 AM

Quant Time: Dec 02 22:07:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	179842	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	748442	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	395861	20.00	ng		-0.02
63) Phenanthrene-d10	11.39	188	678780	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	457827	20.00	ng		-0.02
86) Perylene-d12	15.44	264	401615	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	839146	76.22	ng		-0.02
7) Phenol-d6	6.49	99	1106045	81.62	ng		0.00
23) Nitrobenzene-d5	7.43	82	1098822	82.28	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	282228	75.31	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	1691204	77.35	ng		-0.02
78) Terphenyl-d14	12.97	244	1888545	89.66	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	188991	37.95	ng	#	85
3) Pyridine	3.18	79	553450	39.27	ng	#	82
4) n-Nitrosodimethylamine	3.13	42	307281	41.55	ng		96
6) Aniline	6.52	93	738426	41.02	ng	#	73
8) 2-Chlorophenol	6.64	128	467119	38.70	ng		83
9) Benzaldehyde	6.40	77	334715	38.41	ng		88
10) Phenol	6.50	94	690069	43.28	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	437447	38.39	ng		96
12) 1,3-Dichlorobenzene	6.80	146	543350	40.47	ng		98
13) 1,4-Dichlorobenzene	6.88	146	566141	42.39	ng		98
14) 1,2-Dichlorobenzene	7.03	146	470986	37.86	ng		99
15) Benzyl Alcohol	7.01	79	479347	44.20	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	989507	40.39	ng		71
17) 2-Methylphenol	7.12	107	397458	41.66	ng	#	75
18) Hexachloroethane	7.37	117	189106	39.88	ng	#	84
19) n-Nitroso-di-n-propylamine	7.28	70	336482	39.41	ng	#	98
20) 3+4-Methylphenols	7.27	107	439863	37.76	ng	#	67
22) Acetophenone	7.27	105	662672	37.36	ng	#	72
24) Nitrobenzene	7.44	77	484801	35.46	ng		95
25) Isophorone	7.69	82	931857	39.38	ng		96
26) 2-Nitrophenol	7.76	139	249799	40.09	ng		94
27) 2,4-Dimethylphenol	7.81	122	443523	38.05	ng		91
28) bis(2-Chloroethoxy)methane	7.90	93	548761	38.53	ng		99
29) 2,4-Dichlorophenol	8.00	162	383389	37.39	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	459869	40.00	ng		96
31) Naphthalene	8.17	128	1454309	40.88	ng		99
32) Benzoic acid	7.92	122	326943	38.05	ng		93
33) 4-Chloroaniline	8.22	127	637423	41.92	ng		100
34) Hexachlorobutadiene	8.29	225	260248	36.81	ng		98
35) Caprolactam	8.60	113	117099	39.73	ng		99
36) 4-Chloro-3-methylphenol	8.70	107	447715	40.44	ng		95
37) 2-Methylnaphthalene	8.86	142	883297	36.55	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	482044	43.20	ng		97
40) Hexachlorocyclopentadiene	9.02	237	217307	42.01	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	297352	41.00	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	312050	42.93	ng		95
45) 1,1'-Biphenyl	9.33	154	1188266	41.74	ng		96
46) 2-Chloronaphthalene	9.35	162	856993	40.43	ng		98
47) 2-Nitroaniline	9.44	65	317032	41.64	ng	#	80
48) Acenaphthylene	9.76	152	1257727	37.69	ng		99
49) Dimethylphthalate	9.64	163	984568	41.08	ng	#	99
50) 2,6-Dinitrotoluene	9.68	165	220518	41.16	ng		87
51) Acenaphthene	9.93	154	834437	37.07	ng		98
52) 3-Nitroaniline	9.85	138	232964	37.57	ng		91
53) 2,4-Dinitrophenol	9.96	184	84594	36.11	ng	#	88
54) Dibenzofuran	10.10	168	1130050	37.50	ng		99
55) 4-Nitrophenol	10.00	139	164724	36.78	ng		88
56) 2,4-Dinitrotoluene	10.08	165	294370	42.36	ng	#	59
57) Fluorene	10.45	166	875058	37.82	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	239323	38.56	ng		98
59) Diethylphthalate	10.33	149	1006931	42.56	ng	#	93
60) 4-Chlorophenyl-phenylether	10.45	204	460370	39.67	ng		99
61) 4-Nitroaniline	10.47	138	256790	44.10	ng		96
62) Azobenzene	10.61	77	1065676	44.14	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	144398	38.61	ng	#	67
65) n-Nitrosodiphenylamine	10.56	169	824080	40.04	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	294027	40.30	ng		96
67) Hexachlorobenzene	11.00	284	301859	38.29	ng	#	86
68) Atrazine	11.09	200	236471	35.48	ng		97
69) Pentachlorophenol	11.19	266	190607	41.07	ng		95
70) Phenanthrene	11.41	178	1265860	35.89	ng		99
71) Anthracene	11.47	178	1475230	42.14	ng		99
72) Carbazole	11.61	167	1245857	39.22	ng		99
73) Di-n-butylphthalate	11.96	149	1492529	41.46	ng	#	99
74) Fluoranthene	12.60	202	1511384	45.24	ng		98
76) Benzidine	12.71	184	501945	37.35	ng		99
77) Pyrene	12.83	202	1547074	44.53	ng		99
79) Butylbenzylphthalate	13.44	149	583976	44.89	ng		89
80) Benzo(a)anthracene	14.00	228	1123531	41.96	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	383962	40.71	ng	#	97
82) Chrysene	14.05	228	1196675	45.17	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	825482	50.06	ng	#	93
84) Di-n-octyl phthalate	14.62	149	1289855	51.69	ng		99
85) Indeno(1,2,3-cd)pyrene	16.85	276	942853	38.86	ng		95
87) Benzo(b)fluoranthene	15.04	252	1079671	43.25	ng	#	94
88) Benzo(k)fluoranthene	15.07	252	811169m	38.64	ng		
89) Benzo(a)pyrene	15.39	252	877132	39.13	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	793233	38.26	ng	#	94
91) Benzo(g,h,i)perylene	17.27	276	801833	37.51	ng		99

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

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