Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092641.D
Acq On : 30 Jan 2017 18:39
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/31/2017 4:45:30 PM

Quant Time: Jan 31 01:14:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	170177	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	703810	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	366767	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	594104	20.00	ng		0.00
75) Chrysene-d12	14.13	240	466087	20.00	ng		-0.01
86) Perylene-d12	15.61	264	389027	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	832236	83.90	ng		-0.01
7) Phenol-d6	6.60	99	1032022	80.86	ng		0.00
23) Nitrobenzene-d5	7.54	82	1052119	83.25	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	228876	86.28	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1517202	74.94	ng		0.00
78) Terphenyl-d14	13.08	244	1561720	78.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	252718	47.15	ng		86
3) Pyridine	3.37	79	703352	51.61	ng		85
4) n-Nitrosodimethylamine	3.33	42	324061	50.64	ng		87
6) Aniline	6.62	93	707597	40.64	ng	#	64
8) 2-Chlorophenol	6.75	128	449580	41.08	ng		99
9) Benzaldehyde	6.51	77	385635	42.18	ng		97
10) Phenol	6.62	94	571049	38.24	ng	#	79
11) bis(2-Chloroethyl)ether	6.69	93	472420	39.64	ng		90
12) 1,3-Dichlorobenzene	6.90	146	509282m	39.73	ng		
13) 1,4-Dichlorobenzene	6.98	146	520152	40.10	ng		98
14) 1,2-Dichlorobenzene	7.14	146	522883	42.15	ng		95
15) Benzyl Alcohol	7.10	79	375365	39.73	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	820412	39.62	ng		94
17) 2-Methylphenol	7.23	107	409502	43.62	ng		98
18) Hexachloroethane	7.48	117	183830	41.51	ng		95
19) n-Nitroso-di-n-propylamine	7.38	70	308348	37.95	ng		95
20) 3+4-Methylphenols	7.38	107	467328	41.63	ng	#	72
22) Acetophenone	7.38	105	603905	37.58	ng	#	93
24) Nitrobenzene	7.55	77	462778	35.66	ng		100
25) Isophorone	7.79	82	910565	38.66	ng		96
26) 2-Nitrophenol	7.87	139	267112	43.30	ng		94
27) 2,4-Dimethylphenol	7.92	122	451191	41.65	ng		93
28) bis(2-Chloroethoxy)methane	8.01	93	630631	40.43	ng		99
29) 2,4-Dichlorophenol	8.12	162	391834	38.78	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	418163	38.40	ng	#	94
31) Naphthalene	8.28	128	1417357	39.73	ng		99
32) Benzoic acid	8.03	122	231445	39.24	ng		98
33) 4-Chloroaniline	8.33	127	559114	39.96	ng		98
34) Hexachlorobutadiene	8.40	225	231677	38.67	ng		99
35) Caprolactam	8.70	113	131012	41.22	ng	#	48
36) 4-Chloro-3-methylphenol	8.82	107	430983	40.91	ng		91
37) 2-Methylnaphthalene	8.97	142	839902	36.66	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	427008	41.48	ng		99
40) Hexachlorocyclopentadiene	9.12	237	193102	41.57	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	281177	41.56	ng		95
43) 2,4,5-Trichlorophenol	9.29	196	293433	39.59	ng		97
45) 1,1'-Biphenyl	9.44	154	1112654	41.90	ng		99
46) 2-Chloronaphthalene	9.46	162	821195	39.53	ng		97
47) 2-Nitroaniline	9.56	65	291531	41.74	ng	#	73
48) Acenaphthylene	9.88	152	1410509	39.30	ng		97
49) Dimethylphthalate	9.73	163	920140	37.25	ng		99
50) 2,6-Dinitrotoluene	9.80	165	247081	46.31	ng		93
51) Acenaphthene	10.04	154	854979	39.84	ng		96
52) 3-Nitroaniline	9.97	138	286932	46.99	ng		84
53) 2,4-Dinitrophenol	10.08	184	110054	42.88	ng		94
54) Dibenzofuran	10.21	168	1124160	39.17	ng		98
55) 4-Nitrophenol	10.13	139	173886	39.54	ng		93
56) 2,4-Dinitrotoluene	10.20	165	311533	43.86	ng		85
57) Fluorene	10.56	166	857402	38.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	216942	43.87	ng		97
59) Diethylphthalate	10.43	149	901647	38.73	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	427055	40.26	ng	#	74
61) 4-Nitroaniline	10.58	138	264217	42.25	ng		92
62) Azobenzene	10.72	77	975065	40.54	ng		85
64) 4,6-Dinitro-2-methylphenol	10.61	198	157704	43.85	ng		83
65) n-Nitrosodiphenylamine	10.67	169	733373	38.64	ng		100
66) 4-Bromophenyl-phenylether	11.05	248	250173	40.31	ng	#	74
67) Hexachlorobenzene	11.10	284	236702	38.59	ng	#	84
68) Atrazine	11.20	200	226792	37.24	ng		100
69) Pentachlorophenol	11.30	266	119971	41.68	ng		97
70) Phenanthrene	11.53	178	1370740	40.27	ng		98
71) Anthracene	11.57	178	1289172	37.72	ng		99
72) Carbazole	11.73	167	1362583	41.70	ng		99
73) Di-n-butylphthalate	12.05	149	1379804	39.05	ng	#	98
74) Fluoranthene	12.72	202	1377730	39.24	ng		90
76) Benzidine	12.83	184	768969	38.72	ng		97
77) Pyrene	12.95	202	1437735	41.22	ng		98
79) Butylbenzylphthalate	13.55	149	573558	40.49	ng		96
80) Benzo(a)anthracene	14.12	228	1136076	39.85	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	406932	40.05	ng		97
82) Chrysene	14.17	228	1175087	44.03	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	837919	43.26	ng	#	95
84) Di-n-octyl phthalate	14.73	149	1405889	44.57	ng		99
85) Indeno(1,2,3-cd)pyrene	17.08	276	789873	38.21	ng		95
87) Benzo(b)fluoranthene	15.17	252	1141122	44.56	ng		98
88) Benzo(k)fluoranthene	15.21	252	778542m	35.21	ng		
89) Benzo(a)pyrene	15.55	252	889478	40.16	ng		97
90) Dibenzo(a,h)anthracene	17.11	278	673629	37.63	ng		98
91) Benzo(g,h,i)perylene	17.53	276	671518	37.13	ng	#	90

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

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