Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090382.D
Acq On : 5 Oct 2016 15:35
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
SOHIL
10/6/2016 5:27:27 PM

Quant Time: Oct 06 01:17:38 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	250994	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	1062309	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	518299	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	866359	20.00	ng		0.00
75) Chrysene-d12	14.20	240	673738	20.00	ng		0.00
86) Perylene-d12	15.70	264	415625	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1330420	79.11	ng		0.00
7) Phenol-d6	6.62	99	1798339	81.64	ng		0.00
23) Nitrobenzene-d5	7.57	82	1788672	81.90	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	388224	92.12	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2772285	89.12	ng		0.00
78) Terphenyl-d14	13.14	244	2342336	78.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	335397	40.46	ng		95
3) Pyridine	3.49	79	967762	41.87	ng	#	86
4) n-Nitrosodimethylamine	3.43	42	398159	41.74	ng	#	67
6) Aniline	6.67	93	1292750	42.49	ng		97
8) 2-Chlorophenol	6.78	128	735702	39.75	ng		86
9) Benzaldehyde	6.54	77	455055	40.87	ng		88
10) Phenol	6.63	94	1017392	39.73	ng		96
11) bis(2-Chloroethyl)ether	6.74	93	804458	41.03	ng		93
12) 1,3-Dichlorobenzene	6.94	146	729116	39.52	ng	#	91
13) 1,4-Dichlorobenzene	7.02	146	809003	43.18	ng		98
14) 1,2-Dichlorobenzene	7.18	146	697886	38.66	ng		94
15) Benzyl Alcohol	7.14	79	679281	40.57	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1399284	42.08	ng		97
17) 2-Methylphenol	7.25	107	611604	40.18	ng		99
18) Hexachloroethane	7.53	117	302907	41.01	ng		92
19) n-Nitroso-di-n-propylamine	7.42	70	701010	43.40	ng	#	83
20) 3+4-Methylphenols	7.41	107	852634	43.28	ng	#	72
22) Acetophenone	7.41	105	985167	39.15	ng	#	96
24) Nitrobenzene	7.58	77	866974	39.99	ng		92
25) Isophorone	7.83	82	1654887	41.45	ng		97
26) 2-Nitrophenol	7.90	139	362674	38.86	ng	#	72
27) 2,4-Dimethylphenol	7.94	122	672016	37.03	ng		94
28) bis(2-Chloroethoxy)methane	8.04	93	1048496	44.40	ng		98
29) 2,4-Dichlorophenol	8.14	162	534343	38.73	ng		86
30) 1,2,4-Trichlorobenzene	8.23	180	600365	42.22	ng		99
31) Naphthalene	8.31	128	1986402	38.76	ng		99
32) Benzoic acid	8.06	122	553760	43.89	ng		96
33) 4-Chloroaniline	8.36	127	884551	41.76	ng		98
34) Hexachlorobutadiene	8.44	225	330583	41.61	ng		98
35) Caprolactam	8.74	113	188492	40.63	ng		94
36) 4-Chloro-3-methylphenol	8.84	107	721102	41.74	ng		99
37) 2-Methylnaphthalene	9.01	142	1361457	43.89	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	525984	38.49	ng	#	97
40) Hexachlorocyclopentadiene	9.17	237	315030	42.06	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	406913m	43.15	ng		
43) 2,4,5-Trichlorophenol	9.32	196	369594m	41.45	ng		
45) 1,1'-Biphenyl	9.48	154	1655511	43.11	ng		94
46) 2-Chloronaphthalene	9.50	162	1301050	45.85	ng		96
47) 2-Nitroaniline	9.59	65	496243	44.32	ng	#	83
48) Acenaphthylene	9.91	152	1800491	38.45	ng		99
49) Dimethylphthalate	9.78	163	1497556	45.12	ng		98
50) 2,6-Dinitrotoluene	9.83	165	334133	45.34	ng		87
51) Acenaphthene	10.09	154	1180180	40.42	ng		98
52) 3-Nitroaniline	10.01	138	414571	48.16	ng	#	90
53) 2,4-Dinitrophenol	10.11	184	141361	43.02	ng	#	80
54) Dibenzofuran	10.26	168	1462560	38.71	ng	#	90
55) 4-Nitrophenol	10.15	139	353704	46.96	ng		94
56) 2,4-Dinitrotoluene	10.23	165	393867	40.16	ng	#	31
57) Fluorene	10.60	166	1316112	41.44	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	254168m	38.17	ng		
59) Diethylphthalate	10.47	149	1387752	40.41	ng	#	92
60) 4-Chlorophenyl-phenylether	10.60	204	658351	45.59	ng		90
61) 4-Nitroaniline	10.61	138	391903	45.18	ng		93
62) Azobenzene	10.76	77	1844451	46.50	ng		91
64) 4,6-Dinitro-2-methylphenol	10.65	198	208969	37.12	ng	#	81
65) n-Nitrosodiphenylamine	10.71	169	1154865	39.78	ng		98
66) 4-Bromophenyl-phenylether	11.09	248	377497	44.45	ng	#	91
67) Hexachlorobenzene	11.16	284	423525	44.78	ng		92
68) Atrazine	11.24	200	278026	38.84	ng		98
69) Pentachlorophenol	11.34	266	219858	39.05	ng		99
70) Phenanthrene	11.57	178	1838297	41.44	ng		99
71) Anthracene	11.62	178	1792842	39.57	ng		98
72) Carbazole	11.78	167	1869571	44.42	ng		97
73) Di-n-butylphthalate	12.11	149	2223140	43.40	ng		98
74) Fluoranthene	12.76	202	1618557	37.20	ng		96
76) Benzidine	12.88	184	691321	39.02	ng		98
77) Pyrene	12.99	202	1730966	38.53	ng		99
79) Butylbenzylphthalate	13.61	149	888361	38.54	ng	#	64
80) Benzo(a)anthracene	14.19	228	1534660	40.60	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	494305	36.07	ng	#	95
82) Chrysene	14.22	228	1382611	39.74	ng		100
83) Bis(2-ethylhexyl)phthalate	14.18	149	1348707	41.16	ng		99
84) Di-n-octyl phthalate	14.80	149	1944038	40.02	ng		95
85) Indeno(1,2,3-cd)pyrene	17.22	276	976087	39.35	ng	#	93
87) Benzo(b)fluoranthene	15.25	252	1218559	46.03	ng	#	93
88) Benzo(k)fluoranthene	15.29	252	923034m	37.12	ng		
89) Benzo(a)pyrene	15.64	252	962070	42.16	ng		99
90) Dibenzo(a,h)anthracene	17.24	278	818427	42.16	ng	#	94
91) Benzo(g,h,i)perylene	17.69	276	782776	42.02	ng		98

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

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