Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089646.D
Acq On : 6 Aug 2016 2:16
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
umangi
8/8/2016 9:20:10 AM

Quant Time: Aug 06 04:45:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	59345	20.00	ng		0.00
21) Naphthalene-d8	9.47	136	242180	20.00	ng		0.00
38) Acenaphthene-d10	12.30	164	100254	20.00	ng		0.00
63) Phenanthrene-d10	14.69	188	161228	20.00	ng		-0.01
75) Chrysene-d12	18.39	240	115527	20.00	ng		0.00
86) Perylene-d12	20.05	264	101358	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	291423	82.31	ng		0.01
7) Phenol-d6	6.99	99	371142	77.27	ng		0.01
23) Nitrobenzene-d5	8.36	82	350896	80.14	ng		0.00
41) 2,4,6-Tribromophenol	13.59	330	59052	71.38	ng		0.00
44) 2-Fluorobiphenyl	11.26	172	624226	80.92	ng		0.00
78) Terphenyl-d14	17.05	244	368591	62.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.74	88	64011	31.54	ng		95
3) Pyridine	2.30	79	161991	43.43	ng		97
4) n-Nitrosodimethylamine	2.28	42	66053	41.48	ng		98
6) Aniline	6.94	93	261493	42.01	ng		99
8) 2-Chlorophenol	7.12	128	170300	39.18	ng		96
9) Benzaldehyde	6.74	77	88969m	51.06	ng		
10) Phenol	7.02	94	200151	40.59	ng		94
11) bis(2-Chloroethyl)ether	7.10	93	161210	38.05	ng		98
12) 1,3-Dichlorobenzene	7.35	146	181495	38.44	ng		99
13) 1,4-Dichlorobenzene	7.47	146	179538	38.13	ng		98
14) 1,2-Dichlorobenzene	7.70	146	183280	36.92	ng		98
15) Benzyl Alcohol	7.74	79	130502	41.44	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.94	45	200465	37.16	ng	#	70
17) 2-Methylphenol	7.95	107	123717	39.41	ng		97
18) Hexachloroethane	8.23	117	67531	34.03	ng		98
19) n-Nitroso-di-n-propylamine	8.17	70	130674	37.66	ng		96
20) 3+4-Methylphenols	8.22	107	164959	41.63	ng		94
22) Acetophenone	8.14	105	251951	43.64	ng		98
24) Nitrobenzene	8.39	77	175666	42.24	ng		98
25) Isophorone	8.79	82	321594	38.36	ng		100
26) 2-Nitrophenol	8.89	139	78221	40.98	ng		98
27) 2,4-Dimethylphenol	9.04	122	143770	41.90	ng		95
28) bis(2-Chloroethoxy)methane	9.18	93	208549	41.12	ng		99
29) 2,4-Dichlorophenol	9.31	162	127417	39.24	ng		95
30) 1,2,4-Trichlorobenzene	9.40	180	143048	38.58	ng		98
31) Naphthalene	9.51	128	484502	37.64	ng		99
32) Benzoic acid	9.36	122	61956	28.74	ng		98
33) 4-Chloroaniline	9.64	127	196064	40.56	ng		98
34) Hexachlorobutadiene	9.74	225	80589	37.74	ng		97
35) Caprolactam	10.30	113	39506	41.75	ng		97
36) 4-Chloro-3-methylphenol	10.50	107	145017	38.43	ng		94
37) 2-Methylnaphthalene	10.64	142	300551	37.97	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	157149	41.71	ng		99
40) Hexachlorocyclopentadiene	10.89	237	10793	16.39	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	81293	43.74	ng		98
43) 2,4,5-Trichlorophenol	11.21	196	86128	43.36	ng		97
45) 1,1'-Biphenyl	11.41	154	362409	40.08	ng		98
46) 2-Chloronaphthalene	11.42	162	272649	40.22	ng		98
47) 2-Nitroaniline	11.63	65	90363	41.36	ng	#	83
48) Acenaphthylene	12.07	152	427831	38.32	ng		100
49) Dimethylphthalate	11.97	163	322278	41.01	ng		100
50) 2,6-Dinitrotoluene	12.05	165	65175	41.72	ng		91
51) Acenaphthene	12.35	154	243370	37.73	ng		99
52) 3-Nitroaniline	12.31	138	74721	39.99	ng		94
53) 2,4-Dinitrophenol	12.54	184	7528	18.93	ng		90
54) Dibenzofuran	12.64	168	339607	38.30	ng		100
55) 4-Nitrophenol	12.70	139	35223m	32.73	ng		
56) 2,4-Dinitrotoluene	12.70	165	80050	36.43	ng		91
57) Fluorene	13.19	166	273044	36.03	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.87	232	55329	36.69	ng		99
59) Diethylphthalate	13.11	149	323792	39.84	ng		100
60) 4-Chlorophenyl-phenylether	13.22	204	131449	37.82	ng		99
61) 4-Nitroaniline	13.31	138	62552	37.23	ng		98
62) Azobenzene	13.47	77	300110	38.18	ng		92
64) 4,6-Dinitro-2-methylphenol	13.37	198	21129	24.38	ng		85
65) n-Nitrosodiphenylamine	13.44	169	243374	44.69	ng		100
66) 4-Bromophenyl-phenylether	14.01	248	69516	44.58	ng		97
67) Hexachlorobenzene	14.07	284	67651	39.43	ng		99
68) Atrazine	14.35	200	70714	46.51	ng		99
69) Pentachlorophenol	14.42	266	31896	45.31	ng		97
70) Phenanthrene	14.73	178	334229	38.12	ng		99
71) Anthracene	14.81	178	354946	37.76	ng		99
72) Carbazole	15.11	167	300472	38.36	ng		99
73) Di-n-butylphthalate	15.70	149	431737	40.75	ng		100
74) Fluoranthene	16.49	202	322876	35.83	ng		100
76) Benzidine	16.73	184	145379	41.51	ng		99
77) Pyrene	16.80	202	332786	32.58	ng		99
79) Butylbenzylphthalate	17.73	149	153610	35.34	ng		98
80) Benzo(a)anthracene	18.38	228	259746	39.13	ng		99
81) 3,3'-Dichlorobenzidine	18.37	252	97007	46.39	ng		99
82) Chrysene	18.42	228	270603	38.86	ng		100
83) Bis(2-ethylhexyl)phthalate	18.47	149	211838	35.20	ng		99
84) Di-n-octyl phthalate	19.25	149	373707	43.15	ng		99
85) Indeno(1,2,3-cd)pyrene	21.23	276	192280	36.36	ng		98
87) Benzo(b)fluoranthene	19.65	252	233423	37.44	ng		98
88) Benzo(k)fluoranthene	19.68	252	254298m	40.44	ng		
89) Benzo(a)pyrene	19.99	252	228434	39.14	ng	#	96
90) Dibenzo(a,h)anthracene	21.25	278	173444	31.81	ng		98
91) Benzo(g,h,i)perylene	21.57	276	162072	29.04	ng		98

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

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