Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091271.D
Acq On : 23 Nov 2016 11:18
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
sohil
11/28/2016 4:52:12 PM

Quant Time: Nov 25 04:25:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 11:54:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	223996	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	929127	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	517243	20.00	ng		0.01
63) Phenanthrene-d10	11.40	188	849267	20.00	ng		0.00
75) Chrysene-d12	14.04	240	624128	20.00	ng		0.00
86) Perylene-d12	15.47	264	503785	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1310894	97.30	ng		0.00
7) Phenol-d6	6.51	99	1688046	104.78	ng		0.01
23) Nitrobenzene-d5	7.45	82	1516620	90.01	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	512623	106.16	ng		0.01
44) 2-Fluorobiphenyl	9.25	172	2824325	95.36	ng		0.01
78) Terphenyl-d14	12.99	244	2408173	87.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	314492	51.36	ng	#	86
3) Pyridine	3.22	79	884184	55.22	ng	#	84
4) n-Nitrosodimethylamine	3.18	42	481395	55.71	ng		96
6) Aniline	6.54	93	1132789	58.53	ng	#	71
8) 2-Chlorophenol	6.67	128	721587	49.99	ng		95
9) Benzaldehyde	6.42	77	407144	50.33	ng		89
10) Phenol	6.52	94	987501	52.39	ng		99
11) bis(2-Chloroethyl)ether	6.61	93	689699	46.96	ng		94
12) 1,3-Dichlorobenzene	6.82	146	776786m	49.50	ng		
13) 1,4-Dichlorobenzene	6.90	146	853658	52.06	ng		99
14) 1,2-Dichlorobenzene	7.06	146	743428m	51.05	ng		
15) Benzyl Alcohol	7.02	79	710249	56.12	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1487907	52.94	ng		72
17) 2-Methylphenol	7.13	107	606053	41.76	ng	#	75
18) Hexachloroethane	7.40	117	301403	49.67	ng		91
19) n-Nitroso-di-n-propylamine	7.31	70	564380	47.93	ng	#	84
20) 3+4-Methylphenols	7.29	107	654216	45.07	ng	#	77
22) Acetophenone	7.30	105	1014442	45.80	ng	#	95
24) Nitrobenzene	7.47	77	887464	47.31	ng	#	80
25) Isophorone	7.71	82	1444686	45.45	ng		99
26) 2-Nitrophenol	7.78	139	340120	42.44	ng		97
27) 2,4-Dimethylphenol	7.82	122	700084	55.44	ng		92
28) bis(2-Chloroethoxy)methane	7.92	93	786401	45.27	ng		99
29) 2,4-Dichlorophenol	8.02	162	577673	45.98	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	708222	50.46	ng		98
31) Naphthalene	8.19	128	2119276	48.82	ng		99
32) Benzoic acid	7.96	122	592515	64.54	ng		91
33) 4-Chloroaniline	8.24	127	900553	51.26	ng		97
34) Hexachlorobutadiene	8.32	225	414261	49.78	ng		98
35) Caprolactam	8.62	113	198125	56.00	ng	#	87
36) 4-Chloro-3-methylphenol	8.72	107	650406	47.24	ng		96
37) 2-Methylnaphthalene	8.88	142	1335896	45.89	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	674476	46.24	ng		99
40) Hexachlorocyclopentadiene	9.04	237	306192	67.89	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	455640	51.33	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	459525	49.42	ng		97
45) 1,1'-Biphenyl	9.34	154	1593885	40.40	ng		97
46) 2-Chloronaphthalene	9.37	162	1195838	40.75	ng		98
47) 2-Nitroaniline	9.46	65	449585	41.28	ng	#	76
48) Acenaphthylene	9.79	152	2092964	47.38	ng		99
49) Dimethylphthalate	9.65	163	1532384	44.41	ng		97
50) 2,6-Dinitrotoluene	9.71	165	382095	51.65	ng	#	71
51) Acenaphthene	9.96	154	1460415	53.33	ng		96
52) 3-Nitroaniline	9.87	138	357524	45.33	ng		89
53) 2,4-Dinitrophenol	9.97	184	141636	34.95	ng		90
54) Dibenzofuran	10.13	168	1897736	49.75	ng		90
55) 4-Nitrophenol	10.02	139	262115	68.71	ng		95
56) 2,4-Dinitrotoluene	10.11	165	496279	53.28	ng		98
57) Fluorene	10.46	166	1396839	45.24	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.25	232	389110	49.70	ng		94
59) Diethylphthalate	10.35	149	1518895	45.40	ng		95
60) 4-Chlorophenyl-phenylether	10.46	204	663508	45.77	ng	#	91
61) 4-Nitroaniline	10.49	138	336571	41.42	ng		90
62) Azobenzene	10.62	77	1639413	41.21	ng		91
64) 4,6-Dinitro-2-methylphenol	10.51	198	194829	35.94	ng		90
65) n-Nitrosodiphenylamine	10.58	169	1168373	45.66	ng		100
66) 4-Bromophenyl-phenylether	10.96	248	476659	53.70	ng	#	82
67) Hexachlorobenzene	11.01	284	470165	48.54	ng	#	79
68) Atrazine	11.11	200	244669	29.11	ng		99
69) Pentachlorophenol	11.21	266	313769	81.81	ng		96
70) Phenanthrene	11.43	178	1965120	44.02	ng		100
71) Anthracene	11.48	178	2191749	49.27	ng		100
72) Carbazole	11.63	167	1765473	43.32	ng		99
73) Di-n-butylphthalate	11.97	149	2291312	47.25	ng		99
74) Fluoranthene	12.61	202	2114243	43.49	ng		98
76) Benzidine	12.73	184	579958	41.37	ng		99
77) Pyrene	12.84	202	2154786	45.01	ng		98
79) Butylbenzylphthalate	13.47	149	935595	46.55	ng	#	86
80) Benzo(a)anthracene	14.03	228	1603212	42.40	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	596451	45.51	ng	#	98
82) Chrysene	14.07	228	1554413	39.99	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	1122738	44.08	ng	#	95
84) Di-n-octyl phthalate	14.64	149	1781618	39.94	ng		100
85) Indeno(1,2,3-cd)pyrene	16.89	276	1451970	46.97	ng		96
87) Benzo(b)fluoranthene	15.06	252	1390523	45.93	ng		98
88) Benzo(k)fluoranthene	15.09	252	1417577m	46.35	ng		
89) Benzo(a)pyrene	15.41	252	1289575	46.44	ng		98
90) Dibenzo(a,h)anthracene	16.91	278	1272408	55.61	ng	#	95
91) Benzo(g,h,i)perylene	17.32	276	1251979	53.54	ng		99

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

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